



Vol 3-



FRANKLIN PARK THE WILDERNESS.

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City of Boston.  
DEPARTMENT OF PARKS.

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TWENTY-SECOND ANNUAL REPORT

OF THE

BOARD OF COMMISSIONERS

FOR THE

YEAR ENDING JANUARY 31, 1897.



PRINTED FOR THE DEPARTMENT.

1897.



# DEPARTMENT OF PARKS.

## REPORT.

HON. JOSIAH QUINCY,

*Mayor of the City of Boston:*

SIR: In accordance with the provisions of the Revised Ordinances, which require every officer and board in charge of a department to transmit to the Mayor a report containing a statement of the acts and doings, and receipts and expenditures, of the department for the preceding financial year, the Board submits the following report: —

### FINANCIAL STATEMENTS.

#### I.

*Receipts and Expenditures of the Department for the Twelve Months ending Jan. 31, 1897.*

#### MAIN PARK SYSTEM.

##### LAND, CONSTRUCTION AND MAINTENANCE.

Amount transferred from loan for Public Parks .	\$298,857 02
Amount transferred from appropriation for Maintenance . . . . .	81,032 60
Amount contributed by abutters Commonwealth ave. . . . .	5,000 00
	<hr/>
	<u>\$384,889 62</u>

## COMMONWEALTH AVENUE.

## EXPENDITURES FOR CONSTRUCTION.

*Roadways, Sidewalks, Gutters and Drainage.*

Roadways: labor and materials . . . . .	\$592 85	
Sidewalks: labor and materials . . . . .	404 04	
Signs and notices . . . .	20 17	
Engineers and expenses . .	3 54	
	<hr/>	\$1,020 60

*Plantations.*

Labor and expenses . . . . .	\$170 15
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*Plans and Designs.*

Landscape architects and expenses . . . . .	90	
	<hr/>	\$1,191 65

## FENS.

## EXPENDITURES FOR CONSTRUCTION.

*Grading, Loam and General Work.*

General work: labor and materials . . . . .	\$452 50	
Engineers and expenses . .	68 50	
	<hr/>	\$521 00

*Boating Service.*

Labor and materials . . . . .	\$296 04
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*Roadways, Sidewalks, Gutters and Drainage.*

Sidewalks: labor and materials . . . . .	\$146 54	
Drainage: labor and materials . . . . .	36 48	
	<hr/>	\$183 02

*Plantations*

Labor and expenses . . . . .	\$166 07
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*Plans and Designs.*

Landscape architects and expenses . . . . .	\$23 57	\$1,189 70
	<hr/>	<hr/>
<i>Amount carried forward,</i>		\$2,381 35



## 5

*Amount brought forward,*

\$2,381 35

## RIVERWAY.

## EXPENDITURES FOR CONSTRUCTION.

*Roadways, Sidewalks, Gutters and Drainage.*

Roadways: labor and materials . . . . .	\$2,845 15	
Gutters: labor and materials . . . . .	1,597 18	
Sidewalks: labor and materials . . . . .	342 87	
	<hr/>	\$4,785 20

*Clearing, Grading, Loam and General Work.*

Superintendence and general work . . . . .	\$897 18	
Engineers and expenses . . . . .	417 63	
Loam: labor and materials, . . . . .	371 61	
Grading: labor and materials . . . . .	349 89	
Fence: labor and materials, . . . . .	272 81	
	<hr/>	\$2,309 12

*Retaining Wall.*

Labor and materials . . . . .	\$2,027 52	
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*Plantations.*

Labor and expenses . . . . .	\$588 34	
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*Water Supply.*

Water-pipes and labor . . . . .	\$440 40	
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*Plans and Designs.*

Landscape architects and expenses . . . . .	\$399 85	
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*Boating Service.*

Labor and materials . . . . .	\$181 21	
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*Administration Building.*

Labor, expenses, furnishing, etc. . . . .	\$93 60	
	<hr/>	\$10,825 24

## LEVERETT PARK.

## EXPENDITURES FOR LAND AND CONSTRUCTION.

*Land.*

Expenses in trials of suits . . . . .	\$9,053 07	
<i>Amounts carried forward,</i>	<hr/>	<hr/>
	\$9,053 07	\$13,206 59

## 6

*Amount brought forward,* \$9,053 07 \$13,206 59

*Plantations.*

Labor and expenses . . . . \$10,763 37

*Roadways, Sidewalks, Gutters and Drainage.*

Drainage: labor and materials . . . . \$2,073 42

Roadways: labor and materials . . . . 347 53

Gutters: labor and materials . . . . 8 24

————— \$2,429 01

*Clearing, Grading, Loam and General Work.*

General work: labor and materials . . . . \$1,560 78

Grading: labor and materials . . . . 302 94

Engineers and expenses . 265 32

Clearing ground: labor and materials . . . . 66 14

Loam: labor and materials, 3 25

————— \$2,198 43

*Plans and Designs.*

Landscape architects and expenses . . \$410 53

*Water Supply.*

Water-pipes and labor . . . . \$101 99

*Retaining Wall.*

Labor . . . . . \$2 57

————— \$24,958 97

**JAMAICA PARK.****EXPENDITURES FOR CONSTRUCTION.***Pine Bank House.*

Building: amount paid under contract . . . \$6,127 82

Drainage: labor and materials . . . . 2,969 05

Wheelwright and Haven for superintendence . . 583 64

Heating: amount paid under contract . . . 465 75

*Amounts carried forward,* \$10,146 26

————— \$38,165 56

*Amounts brought forward, \$10,146 26*

\$38,165 56

Labor and furnishing . . . 235 43  
 Insurance . . . . 216 00  
 Electric wiring: amount  
 paid under contract . . . 151 55

\$10,749 24

*Clearing, Grading and General Work.*

General work: labor and  
 materials . . . . \$528 83  
 Engineers and expenses . . 486 50  
 Grading: labor and mate-  
 rials . . . . . 220 34  
 Grading: advertising con-  
 tract . . . . . 22 00  
 Clearing grounds: labor and  
 materials . . . . . 15 00

\$1,272 67

*Plantations.*

Labor and expenses . . . . . \$440 21

*Machinery, Tools and Implements.*

Lawn mowers and ice tools . . . \$381 30

*Retaining Walls.*

Labor and materials . . . . . \$163 01

*Plans and Designs.*

Landscape architects and expenses . . \$110 95

*Gutters.*

Labor and materials . . . . . \$7 39

*Gate House.*

Labor and materials . . . . . \$2 79

\$13,127 56

*ARBORWAY.*

*EXPENDITURES FOR LAND AND CONSTRUCTION.*

*Land.*

Expenses in trials of suits . . . . \$1,115 62

*Roadways, Sidewalks, Gutters and Drainage.*

Roadways: labor and mate-  
 rials . . . . . \$5,469 94  
 Drainage: labor and mate-  
 rials . . . . . 682 61  
 Gutters . . . . . 245 50

\$6,398 05

*Amounts carried forward,*

\$7,513 67

\$51,293 12

*Amounts brought forward,* \$7,513 67 \$51,293 12

*Clearing, Grading, Loam and General Work.*

Grading: labor and mate-		
rials . . . . .	\$3,426 95	
Engineers and expenses . .	298 50	
General work: labor and		
materials . . . . .	244 07	
	<hr/>	\$3,969 52

*Water Supply.*

Water-pipes and labor . . . .	\$1,724 85
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*Retaining Walls.*

Labor . . . . .	\$470 00
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*Plans and Designs.*

Landscape architects and expenses . .	\$58 55
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*Stony Brook Bridge.*

Labor and materials . . . . .	\$19 00	
	<hr/>	\$13,755 59

ARNOLD ARBORETUM AND BUSSEY PARK.

EXPENDITURES FOR LAND AND CONSTRUCTION.

*Land.*

Amount paid for land . . . . .	\$2,746 97
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*Machinery, Tools and Implements.*

Crusher plant . . . . .	\$2,988 73
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*Grading.*

Amount paid under con-		
tract . . . . .	\$1,949 50	
Labor and materials . . .	308 89	
Advertising contract . . .	37 58	
	<hr/>	\$2,295 97

*Roadways, Walks and Drainage.*

Engineers and expenses . .	\$1,265 74	
General work: labor . . .	365 50	
Drainage: labor and mate-		
rials . . . . .	304 89	
	<hr/>	\$1,936 13

<i>Amounts carried forward,</i>	\$9,967 80	\$65,048 71
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*Amounts brought forward,* \$9,967 80 \$65,048 71

*Plans and Designs.*

Landscape architects and expenses . . \$125 68

*Boundary Walls and Gateways.*

Advertising and printing . . . . \$36 50  
 \_\_\_\_\_ \$10,129 98

WEST ROXBURY PARKWAY.

EXPENDITURES FOR LAND AND CONSTRUCTION.

*Land.*

Amount paid for land . . . . \$110,094 35

*Clearing, Grading and General Work.*

Engineers and expenses . \$2,593 37  
 Grading: labor and mate-  
   rials . . . . 138 00  
 Clearing grounds . . . 49 67  
 General work . . . 2 10  
 \_\_\_\_\_ \$2,783 14

*Plans and Designs.*

Landscape architects and expenses . . \$465 72  
 \_\_\_\_\_ \$113,343 21

FRANKLIN PARK.

EXPENDITURES FOR CONSTRUCTION.

*Refectory Building.*

Amount paid under con-  
 tract . . . . \$20,300 00

Amount paid under con-  
 tract for plumbing . . 7,057 80

Labor and materials . . 2,168 32

Cooking apparatus . . 1,849 97

Amount paid under con-  
 tract for electric work . 1,275 00

Amount paid under con-  
 tract for electric fixtures, 1,272 60

Insurance . . . . 1,125 00

Drainage: labor and mate-  
 rials . . . . 1,078 88

Hartwell, Richardson &  
 Driver, plans and super-  
 intendence . . . . 1,000 00

Amount paid under con-  
 tract for terra cotta . 419 00  
 \_\_\_\_\_

\$37,546 57

*Amounts carried forward,*

\$37,546 57

\$188,521 90

*Amounts brought forward,* \$37,546 57 \$188,521 90

*Clearing, Grading, Drainage and General Work.*

Grading, labor and materials . . . .	\$16,656 89	
General work, labor and materials . . . .	7,217 97	
Engineers and expenses,	3,766 54	
Clearing grounds, labor and materials . . . .	178 00	
Drainage, labor and materials . . . .	37 37	
	<hr/>	\$27,856 77

*Roads and Walks.*

Surfacing roads and walks,	\$10,032 53	
Grading roads and walks .	8,271 08	
	<hr/>	\$18,303 61

*Plantations.*

Labor and expenses . . . .	\$8,785 24
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*Walls and Steps, Refectory Hill.*

Labor and materials . . . .	\$6,424 52
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*Carriage Sheds.*

Amount paid under contract . . . .	\$6,000 00	
Drainage: labor and materials . . . .	109 50	
Advertising contract . .	93 00	
	<hr/>	\$6,202 50

*Plans and Designs.*

Landscape architects and expenses . .	\$2,406 92
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*Park Wall and Gateways.*

Labor and materials . . . .	\$1,104 57
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*Water Supply.*

Water-pipes and labor . . . .	\$1,085 87
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*Reservoir.*

Labor and materials . . . .	\$555 37
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*Tools and Improvements.*

Drill . . . . .	\$53 82
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*Structures.*

Emerson tablet . . . . .	\$9 36
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\$110,335 12

*Amount carried forward,*

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\$298,857 02

## 11

*Amount brought forward,*

\$298,857 02

## EXPENDITURES FOR MAINTENANCE.

## COMMONWEALTH AVENUE.

*Care of Grounds, Roads and Walks.*

Labor and materials . . .	\$12,407 53	
Plantations: labor and ex-		
penses . . . . .	1,758 32	
Bridge . . . . .	261 53	
General work . . . . .	156 08	
Drainage . . . . .	154 09	
Settees, signs and fence . .	116 59	
Establishing building line,	88 50	
		\$14,942 64

## FENS, RIVERWAY, LEVERETT PARK, JAMAICA PARK AND ARBORWAY.

*Care of Grounds, Roads, Walks and Buildings.*

Roads and walks: labor and		
expenses . . . . .	\$22,366 68	
Sewer assessment . . . . .	4,973 59	
Plantation . . . . .	3,145 22	
Skating . . . . .	2,872 41	
Buildings: labor and ex-		
penses . . . . .	1,793 09	
Grounds: labor and mate-		
rials . . . . .	1,445 27	
General work . . . . .	1,342 46	
Live stock . . . . .	863 12	
Drainage . . . . .	636 71	
Settees and signs . . . . .	253 11	
Engineers and expenses . .	210 19	
Pumping-station: labor and		
materials . . . . .	174 15	
Repairs: Stony-brook gate-		
house . . . . .	83 90	
Bridges . . . . .	48 62	
Repairs, covered channel,		
Muddy-river and gate-		
house . . . . .	34 86	
Boating service . . . . .	9 16	
		\$40,252 54

## ARNOLD ABORETUM.

*Care of Roads and Walks.*

Watchman, labor and ex-		
penses . . . . .	\$3,337 48	
Drainage . . . . .	57 00	
General work . . . . .	22 35	
Settees . . . . .	9 00	
		\$3,425 83

*Amounts carried forward,*

\$58,621 01

\$298,857 02

Amounts brought forward, \$58,621 01 \$298,857 02

FRANKLIN PARK.

*Care of Grounds, Roads, Walks and Buildings.*

Roads and walks: labor and expenses . . . .	\$13,644 74		
Grounds . . . . .	6,343 32		
Buildings: labor and expenses . . . . .	3,579 40		
Sheep-fold . . . . .	2,187 96		
Live stock . . . . .	440 39		
Plantations . . . . .	371 69		
Settees and signs . . . .	315 73		
Drainage . . . . .	255 36		
General work . . . . .	196 29		
Engineer's expenses . . .	76 71		
	<hr/>	\$27,411 59	
			\$86,032 60
			<hr/>
			<u>\$384,889 62</u>

MARINE PARK SYSTEM.

LAND, CONSTRUCTION AND MAINTENANCE.

Amount transferred from loan for Strandway . .	\$37,640 33	
Amount transferred from loan for Public Parks . .	31,136 09	
Amount transferred from appropriation for Maintenance . . . . .	6,925 64	
	<hr/>	\$75,702 06
		<hr/>

DORCHESTERWAY.

EXPENDITURES FOR CONSTRUCTION.

*Roadways, Sidewalks, Gutters and Drainage.*

Roadways: labor and materials . . . . .	\$9,341 37	
Gutters: labor and materials . . . . .	1,686 01	
Sidewalks: labor and materials . . . . .	552 75	
Drainage: labor and materials . . . . .	160 01	
	<hr/>	\$11,740 14

*Clearing, Grading, Loam and General Work.*

General work: labor and materials . . . . .	\$508 00	
Engineers and expenses . .	205 05	
Loam: labor and materials, . .	119 14	
Grading: labor and materials . . . . .	72 34	
	<hr/>	\$904 53
		<hr/>
		\$12,644 67
		<hr/>
Amount carried forward,		\$12,644 67

## 13

*Amount brought forward.*

\$12,644 67

## STRANDWAY.

## EXPENDITURES FOR LAND AND CONSTRUCTION.

*Land.*

Expenses in trials of suits . . . \$50 00

*Sea-wall and Grading.*Amount paid under con-  
tract . . . \$22,295 30Advertising contract . . 73 51  
\$22,368 81*Filling.*Amount paid under con-  
tract . . . \$7,747 50Advertising contract . . 61 50  
\$7,809 00*Clearing, Grading, Loam and General Work.*

Engineers and expenses . \$4,510 39

Grading: labor and mate-  
rials . . . 1,746 59Loam: amount paid under  
contract . . . 811 72Borings: labor and mate-  
rials . . . 245 18General work: labor and  
materials . . . 102 82

Signs . . . 7 00

Fence . . . 2 81  
\$7,426 51*Plans and Designs.*Landscape architects and expenses . . \$36 01  
\$37,690 33

## MARINE PARK.

## EXPENDITURES FOR CONSTRUCTION.

*Head House.*Electric light  
plant: amount  
paid under con-  
tract . . . \$2,300 50Laundry machin-  
ery: amount  
paid under con-  
tract . . . 1,674 29Carpentry, paint-  
ing and wire  
screens . . 1,538 64*Amt. car'd for'd, \$5,513 43*

\$50,335 00

<i>Amt's br't for'd,</i>	\$5,513 43	\$50,335 00
Insurance . . .	1,440 00	
Building: amount paid under con- tract . . .	1,000 00	
Labor and mate- rials . . .	945 08	
Plumbing . . .	900 58	
Cooking range and apparatus: amount paid un- der contract . .	809 18	
Elevator: amount paid under con- tract . . .	542 50	
Electric fixtures .	466 37	
Electric wiring: amount paid un- der contract . .	466 34	
Stone & Webster: electric engi- neers . . .	306 35	
Refrigerator . .	250 00	
Heating appa- tus: amount paid under contract .	208 00	
Furnishing . . .	93 58	
Superintending .	60 60	
Materials . . .	21 76	
Wheelwright & Haven: archi- tects . . .	9 00	
	<u>\$13,032 77</u>	
<i>Clearing, Grading, Loam and General Work.</i>		
Grading: labor and materials .	\$913 29	
Engineers and ex- penses . . .	637 24	
Loam: labor and materials . . .	231 88	
General work: labor and mate- rials . . .	231 36	
Signs: labor . .	12 78	
	<u>\$2,026 55</u>	
<i>Filling.</i>		
Amount paid for filling .	\$1,459 48	
<i>Amounts carried forward,</i>	\$16,518 80	\$50,335 00



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*Amounts brought forward, \$16,518 80*

*\$50,335 00*

*Boating Service.*

Labor and materials . . \$918 89

*Plantations.*

Labor and expenses . . \$633 39

*Temporary Structures.*

Pier . . . \$26 11

Building . . . 6 50

————— \$32 61

*Roadways, Gutters, Sidewalks and Drainage.*

Roadways: labor and mate-

rials . . . . \$28 75

*Plans and Designs.*

Landscape architects and

expenses . . . . \$7 07

————— \$18,139 51

**CASTLE ISLAND.**

*Clearing, Grading, Loam and General Work.*

Grading: labor

and materials . \$81 50

Engineers and ex-

penses . . . 60 00

————— \$141 50

*Plantations.*

Labor and expenses . . \$122 01

*Drainage.*

Labor and materials . . \$38 40

————— \$301 91

**EXPENDITURES FOR MAINTENANCE.**

*Care of Grounds, Roads, Walks and Buildings.*

Grounds, roads and walks:

labor and expenses . . \$2,619 78

Buildings: labor and ex-

penses . . . . 2,480 00

Plantations . . . . 610 67

General work: labor and

materials . . . . 390 60

Sewer assessment . . 348 19

Castle Island Bridge . . 210 81

*Amounts carried forward, \$6,660 05*

*\$18,441 42*

*\$50,335 00*

<i>Amounts brought forward,</i>	\$6,660 05	\$18,441 42	\$50,335 00
Boating service . . . .	64 61		
Settees and signs . . . .	63 00		
Pier . . . . .	53 14		
Engineer's expenses . . . .	51 45		
Drainage . . . . .	33 39		
	<hr/>	6,925 64	
		<hr/>	25,367 06
			<hr/>
			<u>\$75,702 06</u>

## CHARLESBANK.

## CONSTRUCTION AND MAINTENANCE.

Amount transferred from appropriation for Maintenance . . . . .	\$12,962 24
Amount transferred from loan for Public Parks . . . . .	173 20
	<hr/>
	<u>\$13,135 44</u>

## EXPENDITURES FOR CONSTRUCTION.

*Women's Lavatory Building.*

Labor and materials . . . . .	\$161 70
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*Plantations.*

Labor and expenses . . . . .	\$11 50
	<hr/>
	\$173 20

## EXPENDITURES FOR MAINTENANCE.

*Care of Grounds and Buildings.*

## Men's gymnasium—

Grounds and apparatus: labor and expenses . . . . .	\$2,668 26
Building: labor and expenses . . . . .	1,848 06

## Women's gymnasium—

Grounds and apparatus: labor and expenses . . . . .	2,030 64
Building: labor and expenses . . . . .	856 95

Grounds and walks: labor and expenses . . . . .	1,569 87
Plantations: labor and expenses . . . . .	1,511 22

Sea-wall: labor and expenses . . . . .	843 14
Skating: labor and expenses . . . . .	842 54

Men's Baths . . . . .	398 44
General work: labor and expenses . . . . .	225 78

Settees, signs and fence . . . . .	100 31
Boating services . . . . .	37 24

Engineer's expenses . . . . .	17 48
Drainage . . . . .	12 31
	<hr/>

12,962 24

\$13,135 44

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## WOOD ISLAND PARK.

## CONSTRUCTION AND MAINTENANCE.

Amount transferred from appropriation for Maintenance . . . . .	\$7,046 11	
Amount transferred from loan for Public Parks . . . . .	3,383 63	
	<hr/>	\$10,429 74

## EXPENDITURES FOR CONSTRUCTION.

*Electric Lighting.*

Lamp-posts and cable . . . . \$1,934 23

*Playstead.*

Labor and materials . . . . \$605 82

*Men's Gymnasium Grounds and Apparatus.*

Grounds: labor and materials . . . . .	\$255 93	
Apparatus: labor and materials . . . . .	175 62	
	<hr/>	\$431 55

*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$118 17	
General work: labor and materials . . . . .	64 95	
Engineers and expenses . . . . .	14 50	
	<hr/>	\$197 62

*Roads, Walks and Drainage.*

Drainage: labor and materials . . . . .	\$58 87	
Surfacing: labor and materials . . . . .	38 00	
	<hr/>	\$96 87

*Plantations.*

Labor and expenses . . . . . 72 89

*Field House.*

Labor, expense and furnishing . . . . 32 15

*Women's Bath House.*

Labor . . . . .	12 50	
	<hr/>	3,383 63
<i>Amount carried forward,</i>		<hr/>
		\$3,383 63

*Amount brought forward,* \$3,383 63

**EXPENDITURES FOR MAINTENANCE.**

*Care of Grounds, Walks and Buildings.*

Grounds and apparatus: labor and expenses . . . . .	\$2,933 10		
Men's Gymnasium Building: labor and expenses . . . . .	2,257 95		
Skating: labor and expenses . . . . .	1,078 74		
Plantations: labor and expenses . . . . .	364 24		
Playstead: labor and expenses . . . . .	132 36		
General work . . . . .	112 97		
Women's bath house: labor and expenses . . . . .	109 25		
Engineer's expenses . . . . .	43 92		
Settees and signs . . . . .	13 58		
	<hr/>	7,046 11	
		<hr/>	<u>\$10,429 74</u>

**CHARLESTOWN HEIGHTS.**

**CONSTRUCTION AND MAINTENANCE.**

Amount transferred from loan for Public Parks . . . . .	\$5,104 84		
Amount transferred from appropriation for Maintenance . . . . .	2,574 01		
	<hr/>		<u>\$7,678 85</u>

**EXPENDITURES FOR CONSTRUCTION.**

*Retaining Wall.*

Amount paid under contract	\$3,962 49	
Labor and materials . . . . .	146 55	
Advertising contract . . . . .	80 29	
	<hr/>	\$4,189 33

*Clearing and Grading Grounds, Loam and General Work.*

Engineers and expenses . . . . .	\$327 33	
General work: labor and materials . . . . .	100 77	
	<hr/>	\$428 10

*Plantations.*

Labor and expenses . . . . .	\$254 39
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*Flag Staff.*

Labor and materials . . . . .	\$165 32
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*Sidewalks, Gutters and Drainage.*

Drainage: labor and materials . . . . .	\$42 23
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*Shelter Building.*

Labor and materials . . . . .	\$25 47	
	<hr/>	\$5,104 84
<i>Amount carried forward,</i>		<u>\$5,104 84</u>



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*Amount brought forward,* \$5,104 84

## EXPENDITURES FOR MAINTENANCE.

*Care of Grounds, Walks and Buildings.*

Buildings: labor and material . . .	\$939 54	
Plantations: " " " . . .	902 35	
Grounds and walks: labor and material,	577 82	
General work: " " " . . .	71 61	
Sand courts . . . . .	46 83	
Signs . . . . .	16 00	
Engineer's expenses . . . . .	15 19	
Drainage . . . . .	4 67	
	<hr/>	
	2,574 01	
		<hr/>
		\$7,678 85

## CHARLESTOWN PLAYGROUND.

## CONSTRUCTION AND MAINTENANCE.

Amount transferred from loan for Public Parks .	\$1,428 90	
Amount transferred from appropriation for Maintenance . . . . .	60 91	
	<hr/>	
		\$1,489 81

## EXPENDITURES FOR CONSTRUCTION.

*Clearing and Grading Grounds and General Work.*

Grading: labor and materials . . .	\$1,292 68	
General work: labor and materials .	33 00	
Engineers and expenses . . . . .	3 02	
	<hr/>	
	\$1,328 70	

*Plans and Designs.*

Landscape architects and expenses . . . . .	\$78 43	
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*Plantations.*

Labor and expenses . . . . .	\$21 77	
	<hr/>	
		\$1,428 90

## EXPENDITURES FOR MAINTENANCE.

*Care of Grounds, Walks and Buildings.*

Grounds and walks: labor . . . . .	\$60 91	
	<hr/>	
		\$1,489 81

## DORCHESTER PARK.

## CONSTRUCTION.

Amount transferred from loan for Public Parks . . . . .	\$92 96	
	<hr/>	

## EXPENDITURES FOR CONSTRUCTION.

*Plans and Designs.*

Landscape architects and expenses . . . . .	\$92 96	
	<hr/>	

## FRANKLIN FIELD.

## CONSTRUCTION AND MAINTENANCE.

Amount transferred from appropriation for Maintenance. . . . .	\$2,638 74	
Amount transferred from loan for Public Parks . . . . .	442 09	
	<hr/>	\$3,080 83

## EXPENDITURES FOR CONSTRUCTION.

*Tools and Implements.*

Lawn mower and ice tools . . . . .	\$254 75
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*Plantations.*

Labor and expenses . . . . .	\$150 84
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*Clearing, Grading, Drainage, and General Work.*

Grading: labor and materials . . . . .	\$36 50	
	<hr/>	\$442 09

## EXPENDITURES FOR MAINTENANCE.

*Care of Grounds, Walks, and Buildings.*

Skating: labor . . . . .	\$1,702 67	
Grounds and walks: labor . . . . .	813 94	
Engineer's expenses . . . . .	122 13	
	<hr/>	\$2,638 74
	<hr/>	\$3,080 83

## PUBLIC PARK, NORTH END.

## LAND AND CONSTRUCTION.

From appropriation for Public Park, North End . . . . .	\$59,302 73
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## EXPENDITURES FOR LAND AND CONSTRUCTION.

*Land.*

Amount paid for land . . . . .	\$11,327 39	
Expenses in trials of suits . . . . .	175 00	
	<hr/>	\$11,502 39

*Clearing, Grading, and General Work.*

Grading: amount paid under contract, . . . . .	\$37,062 03	
Engineers and expenses . . . . .	4,250 04	
Sand courts . . . . .	13 00	
General work . . . . .	12 30	
	<hr/>	\$41,337 37
<i>Amount carried forward,</i>		\$52,839 76

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<i>Amount brought forward,</i>	\$52,839 76
<i>Walls, Drainage and Grading—Copp's Hill Terraces.</i>	
Amount paid under contract . . . . .	\$5,789 35
Labor . . . . .	401 40
Advertising contract . . . . .	69 83
	<hr/>
	\$6,260 58
<i>Sidewalks, Gutters, and Drainage.</i>	
Drainage and materials . . . . .	\$82 43
Sidewalks: labor and materials . . . . .	80 84
	<hr/>
	\$163 27
<i>Plans and Designs.</i>	
Landscape architects and expenses . . . . .	\$31 72
<i>Structures.</i>	
Temporary building . . . . .	\$7 40
	<hr/>
	<u>\$59,302 73</u>
NEPONSET PLAYGROUND.	
LAND ACCOUNT.	
From Appropriation for Neponset Playground . . . . .	<u>\$433 84</u>
<i>Expenditures.</i>	
Surveying and plans . . . . .	<u>\$433 84</u>
PARK DEPARTMENT.	
Amount transferred from appropriation for Maintenance . . . . .	<u>\$7,243 04</u>
OFFICE EXPENSES.	
Salary of Secretary and Clerk . . . . .	\$3,000 00
Clerical service at office . . . . .	1,800 00
Telephone, messenger service, and incidental ex- penses . . . . .	1,133 49
Printing annual report, etc. . . . .	860 14
Travelling expenses . . . . .	181 50
Carriage-hire . . . . .	142 25
Stationery . . . . .	122 07
Plans . . . . .	3 59
	<hr/>
	<u>\$7,243 04</u>
APPROPRIATION FOR MAINTENANCE.	
Appropriation for the financial year 1896-97 . . . . .	\$110,000 00
Amount transferred by City Auditor . . . . .	10,483 29
Amount contributed by abutters, Commonwealth avenue . . . . .	5,000 00
	<hr/>
	<u>\$125,483 29</u>

*Expenditures.*

Fens, Riverway, Leverett Park, Jamaica Park, and Arborway . . . . .	\$40,252 54
Franklin Park . . . . .	27,411 59
Commonwealth avenue . . . . .	14,942 64
Charlesbank . . . . .	12,962 24
Park Department . . . . .	7,243 04
Wood Island Park . . . . .	7,046 11
Marine Park System . . . . .	6,925 64
Arnold Arboretum and Bussey Park . . . . .	3,425 83
Franklin Field . . . . .	2,638 74
Charlestown Heights . . . . .	2,574 01
Charlestown Playground . . . . .	60 91
	<hr/> \$125,483 29

## INCOME.

*Receipts.*

Received from rents and sale of buildings, wool, sheep, grass, and wood . . . . .	\$1,996 37
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*Payments.*

Income carried to General City Income . . . . .	\$1,996 37
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## APPROPRIATION FOR STRANDWAY FROM MARINE PARK WEST.

Amount of appropriation authorized by City Council and ap- proved by the Mayor, July 9, 1895, and issued in 1896 . . .	\$100,000 00
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*Expenditures.*

Paid on account of construction . . . . .	\$37,640 33
Balance unexpended, Jan. 31, 1897 . . . . .	62,359 67
	<hr/> \$100,000 00

## APPROPRIATION FOR PUBLIC PARK, NORTH END.

<sup>1</sup> Public Park Loan, Wards 6 and 7:

Balance unexpended Jan. 31, 1896 . . . . .	\$37,252 64
Loan issued in July, 1896 . . . . .	11,300 00
Loan issued Jan. 31, 1897 . . . . .	100,000 00
	<hr/> \$148,552 64

<sup>1</sup> Chapter 282, Acts of 1893, authorizes the taking of lands of an assessed value not exceeding \$300,000, and the issue of bonds to an amount necessary to pay for such lands, and a further amount not exceeding \$50,000, to be used to meet the expense of preparing said lands for public use.



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*Expenditures.*

Paid on account of land . . . . .	\$11,502 39	
Paid on account of construction . . . . .	47,800 34	
Balance unexpended Jan. 31, 1897 . . . . .	89,249 91	
	<hr/>	\$148,552 64
		<hr/>

## APPROPRIATION FOR PLAYSTEAD, NORTH BRIGHTON.

Balance unexpended Jan. 31, 1897 . . . . .	<hr/>	\$3,775 37
		<hr/>

## APPROPRIATION FOR NEPONSET PLAYGROUND.

Loan issued July 14, 1896 . . . . .	<hr/>	\$15,000 00
		<hr/>

*Expenditures.*

Paid on account of land . . . . .	\$433 84	
Balance unexpended Jan. 31, 1897 . . . . .	14,566 16	
	<hr/>	\$15,000 00
		<hr/>

## APPROPRIATION FOR PUBLIC PARKS.

Balance unexpended Jan. 31, 1896 . . . . .	\$90,209 47	
Loan issued Jan. 31, 1897 . . . . .	400,000 00	
	<hr/>	\$490,209 47
		<hr/>

*Expenditures.*

Commonwealth avenue . . . . .	\$1,191 65	
Fens . . . . .	1,189 70	
Riverway . . . . .	10,825 24	
Leverett Park . . . . .	24,958 97	
Jamaica Park . . . . .	13,127 56	
Arborway . . . . .	13,755 59	
Arnold Arboretum and Bussey Park . . . . .	10,129 98	
West Roxbury Parkway . . . . .	113,343 21	
Franklin Park . . . . .	110,335 12	
Dorchesterway . . . . .	12,644 67	
Strandway . . . . .	50 00	
Marine Park . . . . .	18,441 42	
Charlesbank . . . . .	173 20	
Wood Island Park . . . . .	3,383 63	
Charlestown Heights . . . . .	5,104 84	
Charlestown Playground . . . . .	1,428 90	
Dorchester Park . . . . .	92 96	
Franklin Field . . . . .	442 09	
Balance unexpended Jan. 1, 1897 . . . . .	149,590 74	
	<hr/>	\$490,209 47
		<hr/>

## II.

*Summary of Expenditures on Account of Land and Construction for the Financial Year, 1896-97.*

**LAND.**

## Main Park System:

Leverett Park . . . . .	\$9,053 07	
Arborway . . . . .	1,115 62	
West Roxbury Parkway . . . . .	110,094 35	
Arnold Arboretum and Bussey Park . . . . .	2,746 97	
		\$123,010 01

## Marine Park System:

Strandway . . . . .		50 00
Public Park, North End . . . . .	\$11,502 39	
Neponset Playground . . . . .	433 84	
		11,936 23
		<u>\$134,996 24</u>

**CONSTRUCTION.**

## Main Park System:

Commonwealth avenue . . . . .	\$1,191 65	
Fens . . . . .	1,189 70	
Riverway . . . . .	10,825 24	
Leverett Park . . . . .	15,905 90	
Jamaica Park . . . . .	13,127 56	
Arborway . . . . .	12,639 97	
Arnold Arboretum and Bussey Park . . . . .	7,383 01	
West Roxbury Parkway . . . . .	3,248 86	
Franklin Park . . . . .	110,335 12	
		\$175,847 01

## Marine Park System:

Dorchesterway . . . . .	\$12,644 67	
Strandway . . . . .	37,640 33	
Marine Park . . . . .	18,441 42	
		68,726 42
Charlesbank . . . . .	\$173 20	
Wood Island Park . . . . .	3,383 63	
Charlestown Heights . . . . .	5,104 84	
Charlestown Playground . . . . .	1,428 90	
Dorchester Park . . . . .	92 96	
Franklin Field . . . . .	442 09	
Public Park, North End . . . . .	47,800 34	
		58,425 96
		<u>\$302,999 39</u>
		<u>\$437,995 63</u>

## III.

*Summary of Expenditures on Account of Park Construction  
from the Organization of the Board, Oct. 8, 1875, to Jan.  
31, 1897.*

## MAIN PARK SYSTEM.

## COMMONWEALTH AVENUE.

Roadways, sidewalks, gutters, drainage, and general work . . . . .	\$83,239 20	
Plantations . . . . .	10,252 42	
Electric lighting . . . . .	5,674 00	
Machinery, tools, etc. . . . .	884 90	
Plans and designs . . . . .	22 90	
		<hr/> \$100,073 42

## FENS.

Filling . . . . .	\$576,811 15	
Excavating, grading, loam, and general work . . . . .	535,073 76	
Roadways, sidewalks, gutters, and drainage . . . . .	348,726 29	
Retaining-walls, curb, and fence . . . . .	118,177 77	
Boylston bridge . . . . .	92,011 43	
Plantations . . . . .	70,384 81	
Charlesgate bridge . . . . .	65,287 67	
Agassiz bridge . . . . .	52,013 50	
Stony-brook bridge . . . . .	40,007 11	
Railroad bridge . . . . .	39,995 04	
Fen bridge . . . . .	29,427 80	
Plans, designs, and superintendence . . . . .	27,224 55	
Office and general expenses . . . . .	14,114 92	
Machinery, tools, etc. . . . .	13,797 11	
Electric lighting . . . . .	6,887 23	
Surveying . . . . .	5,472 16	
Stony-brook channel and gatehouse . . . . .	1,976 28	
Water-supply, settees, and live-stock . . . . .	1,417 48	
Duck-house . . . . .	350 00	
Boating service . . . . .	296 04	
		<hr/> 2,039,452 10

## RIVERWAY.

Excavating, grading, loam, and general work . . . . .	\$184,567 03	
Filling . . . . .	104,143 90	
Roadways, sidewalks, gutters and drainage . . . . .	91,525 59	
Audubon bridge . . . . .	39,654 27	
Bridle-path bridge . . . . .	32,929 09	
Administration building . . . . .	26,534 70	
		<hr/>
<i>Amounts carried forward,</i>	\$479,354 58	\$2,139,523 52

<i>Amounts brought forward,</i>	\$479,354 58	\$2,139,525 52
Foot-bridges and culverts . . . . .	14,345 00	
Plantations . . . . .	13,471 99	
Tremont-street bridge . . . . .	13,273 53	
Brookline-avenue bridge . . . . .	8,936 82	
Bellevue-street bridge . . . . .	8,163 96	
Retaining-wall . . . . .	7,568 09	
Surveys, plans, designs and superintendence . . . . .	7,191 99	
Shelter . . . . .	4,513 65	
Electric lighting . . . . .	2,734 57	
Water-supply and settees . . . . .	2,176 71	
Machinery, tools, etc. . . . .	468 75	
Boating service . . . . .	181 21	
Gatehouse . . . . .	58 30	
	<hr/>	562,439 15

## LEVERETT PARK.

Excavating, clearing, grading, loam, and general work . . . . .	\$183,327 11	
Roadways, sidewalks, gutters, and drainage . . . . .	77,543 80	
Retaining-walls, steps, and culverts . . . . .	35,865 01	
Plantations . . . . .	27,702 56	
Leverett-pond bridge . . . . .	9,850 59	
Plans and designs . . . . .	7,177 24	
Foot-bridges and culverts . . . . .	6,368 46	
Electric-lighting . . . . .	5,278 74	
Machinery, tools, etc. . . . .	3,434 75	
Water-supply and settees . . . . .	1,609 13	
Boating service . . . . .	68 58	
Filling . . . . .	15 75	
Iron railing . . . . .	1 25	
	<hr/>	358,242 97

## JAMAICA PARK.

Clearing and grading grounds, loam, and general work . . . . .	\$54,677 05	
Roadways, sidewalks, gutters and drainage . . . . .	37,566 43	
Pine Bank House . . . . .	29,474 41	
Retaining-walls and steps . . . . .	14,113 67	
Water-supply and settees . . . . .	6,056 94	
Plantations . . . . .	4,307 94	
Surveys, plans, designs, and superintendence . . . . .	3,114 70	
Machinery, tools, etc. . . . .	2,460 05	
Electric lighting . . . . .	1,622 50	
Iron fence . . . . .	1,162 38	
Boating service . . . . .	697 29	
Gatehouse . . . . .	80 73	
	<hr/>	155,334 09

*Amount carried forward,*

\$3,215,541 73



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*Amount brought forward,*

\$3,215,541 73

## ARBORWAY.

Roadways, sidewalks, gutters, and drainage . .	\$89,657 19	
Clearing and grading grounds, loam, and general work . . . . .	72,740 06	
Water-supply and settees . . . . .	6,624 01	
Culverts . . . . .	5,489 53	
Stony-brook bridge . . . . .	4,503 43	
Electric lighting . . . . .	3,028 00	
Filling . . . . .	2,819 16	
Machinery, tools, etc. . . . .	1,968 75	
Retaining-walls . . . . .	470 00	
Plantations . . . . .	194 78	
Plans and designs . . . . .	169 92	
	<hr/>	187,664 83

## ARNOLD ARBORETUM AND BUSSEY PARK.

Roadways, sidewalks, gutters, and drainage . .	\$223,247 85	
Boundary walls and gateways . . . . .	9,037 41	
Machinery, tools, etc. . . . .	2,988 73	
Grading . . . . .	2,295 97	
Plans, designs, and superintendence . . . . .	1,587 42	
Plantations . . . . .	713 41	
Settees . . . . .	129 64	
Surveying . . . . .	100 00	
	<hr/>	240,100 43

## WEST ROXBURY PARKWAY.

Clearing and grading ground, loam, and general work . . . . .	\$5,886 08	
Plans, designs and superintendence . . . . .	516 98	
	<hr/>	5,903 06

## FRANKLIN PARK.

Roadways, sidewalks and gutters . . . . .	\$678,915 49	
Clearing and grading grounds, drainage, and general work . . . . .	473,979 10	
Plantations . . . . .	114,235 51	
Refectory building . . . . .	100,532 75	
Seaver-street improvement . . . . .	84,817 75	
Shelter and Overlook . . . . .	60,561 54	
Forest Hills bridge . . . . .	52,972 17	
Scarboro' Pond . . . . .	40,943 11	
Park wall and gateways . . . . .	31,777 43	

*Amounts carried forward,*

\$1,638,734 85 \$3,649,210 05

<i>Amounts brought forward,</i>	\$1,638,734 85	\$3,649,210 05
Arbor, Schoolmaster's hill . . . . .	29,514 11	
Reservoir . . . . .	27,634 39	
Plans, designs, and superintendence . . . . .	27,083 69	
Scarboro' Pond bridges . . . . .	26,703 10	
Water-supply, fountains, and settees . . . . .	23,804 77	
Ellicott Arch . . . . .	16,732 21	
Pergola wall, steps, and terrace . . . . .	16,018 30	
Ellicott House . . . . .	14,922 87	
Ellicottdale . . . . .	12,542 94	
Structures . . . . .	11,669 00	
Machinery, tools, etc. . . . .	11,584 20	
Playstead and flag-staff . . . . .	10,399 76	
Propagating-house . . . . .	8,205 55	
Carriage sheds . . . . .	6,202 50	
Electric lighting . . . . .	5,108 75	
Terrace wall . . . . .	3,956 05	
Concourse, Scarboro' Hill . . . . .	3,569 80	
Culverts . . . . .	3,129 34	
Carriage shelter . . . . .	2,694 70	
Boating service . . . . .	22 01	
	<hr/>	1,900,232 89

MARINE PARK SYSTEM.

DORCHESTERWAY.

Roadways, sidewalks, gutters, and drainage . . . . .	\$27,742 74	
Filling . . . . .	21,821 82	
Grading, loam, and general work . . . . .	8,828 40	
Plans, designs, and superintendence . . . . .	1,317 24	
Culverts . . . . .	653 00	
Plantations . . . . .	102 90	
	<hr/>	60,466 10

STRANDWAY.

Filling . . . . .	\$28,111 36	
Sea-wall and grading . . . . .	22,368 81	
Clearing, grading, loam, and general work . . . . .	10,035 05	
Plans, designs, and superintendence . . . . .	128 90	
Culverts . . . . .	60 50	
Plantations . . . . .	18 80	
	<hr/>	60,723 42

MARINE PARK.

Filling, grading, loam, and general work . . . . .	\$558,401 49	
Iron pier and rail . . . . .	175,571 99	
	<hr/>	
<i>Amounts carried forward,</i>	\$733,973 48	\$5,670,632 46

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<i>Amounts brought forward,</i>	\$733,973 48	\$5,670,632 46
Head-house . . . . .	110,340 95	
Pierhead . . . . .	67,232 97	
Structures, temporary pier, and gas-lights . . .	43,829 05	
Roadways, sidewalks, gutters, and drainage . .	37,949 27	
Plantations . . . . .	6,380 08	
Bulkhead . . . . .	4,996 00	
Plans, designs and superintendence . . . . .	3,870 46	
Electric lighting . . . . .	2,453 04	
Water-supply, settees and fence . . . . .	1,988 04	
Dredging . . . . .	1,114 20	
Boating service . . . . .	995 71	
	<hr/>	1,015,123 25

## CASTLE ISLAND.

Temporary buildings and structures . . . . .	\$24,973 98	
Clearing, grading grounds and drainage . . . .	3,808 79	
Water-supply, settees and tent . . . . .	2,002 98	
Plantations . . . . .	175 17	
Shelter . . . . .	100 00	
	<hr/>	\$31,060 92

## CHARLESBANK.

Sea-wall and filling . . . . .	\$176,353 90	
Gymnasium grounds, apparatus, filling, loam, and general work . . . . .	52,093 85	
Men's Lavatory building . . . . .	23,250 53	
Women's Lavatory building and children's shelter,	17,689 18	
Plantations . . . . .	12,135 30	
Walks and drainage . . . . .	11,684 89	
Iron rail, fence and gas-lights . . . . .	8,367 29	
Plans, designs and superintendence . . . . .	2,076 27	
Damage . . . . .	972 51	
Water-supply . . . . .	831 41	
Machinery, tools, etc. . . . .	56 00	
	<hr/>	305,511 13

## WOOD ISLAND PARK.

Grading, loam and general work . . . . .	\$94,422 05	
Neptune bridge . . . . .	32,320 63	
Filling . . . . .	29,852 82	
Field-house . . . . .	20,283 89	
Gymnasium grounds, apparatus and playstead .	7,280 92	
Plantations . . . . .	6,088 47	
Roads, walks, gutters and drainage . . . . .	5,942 73	
Bath-house . . . . .	3,117 63	
Iron fence and frame . . . . .	3,039 99	
Electric lighting . . . . .	2,116 23	
	<hr/>	
<i>Amounts carried forward,</i>	\$204,465 36	\$7,022,327 76

<i>Amounts brought forward,</i>	\$204,465 36	\$7,022,327 76
Water-supply . . . . .	1,922 40	
Plans, designs and superintendence . . . . .	1,488 03	
Culverts . . . . .	425 00	
	<hr/>	208,300 79

CHARLESTOWN HEIGHTS.

Grading, clearing, filling, loam and general work .	\$27,804 52	
Shelter building . . . . .	27,240 32	
Retaining-wall . . . . .	18,111 47	
Sidewalks, gutters and drainage . . . . .	8,200 50	
Plantations . . . . .	7,697 63	
Steps . . . . .	3,971 42	
Plans, designs and superintendence . . . . .	1,330 59	
Electric lighting . . . . .	334 00	
Water-supply, settees, fountains and flag-staff .	466 18	
	<hr/>	95,156 63

CHARLESTOWN PLAYGROUND.

Grading, loam and general work . . . . .	\$7,835 42	
Plantations . . . . .	475 60	
Plans, designs and superintendence . . . . .	204 99	
Walks and drainage . . . . .	8 00	
	<hr/>	8,524 01

DORCHESTER PARK.

Clearing and grading grounds . . . . .	\$1,313 94	
Plans, designs and superintendence . . . . .	793 44	
Temporary structures . . . . .	774 95	
	<hr/>	2,882 33

FRANKLIN FIELD.

Clearing and grading grounds . . . . .	\$28,099 76	
Drainage . . . . .	25,778 77	
Plantations . . . . .	10,729 21	
Fence and wall . . . . .	703 95	
Machinery, tools, etc. . . . .	477 25	
Plans, designs and superintendence . . . . .	176 75	
	<hr/>	65,965 69

NORTH END BEACH.

Clearing, grading and general work . . . . .	\$50,719 24	
Plans, designs and superintendence . . . . .	320 69	
Boring . . . . .	167 75	
	<hr/>	
<i>Amounts carried forward,</i>	\$51,207 68	\$7,403,157 21

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<i>Amounts brought forward,</i>	\$51,207 68	\$7,403,157 21
Sidewalks . . . . .	90 60	
Drainage . . . . .	82 43	
Temporary building . . . . .	33 73	
	<hr/>	51,414 44

## COPP'S HILL TERRACES.

Walls, drainage and grading . . . . .	\$6,260 58	
Clearing, grading and general work . . . . .	3,131 03	
Plans, designs and superintendence . . . . .	110 83	
Sidewalks . . . . .	90 58	
	<hr/>	9,593 02

## SUNDRY ACCOUNTS.

General Account . . . . .	\$73,987 50	
Park Nursery . . . . .	29,947 07	
	<hr/>	103,934 57
		<hr/>
		\$7,568,099 24
		<hr/>



## IV.

*Summary of Expenditures on Account of Public Park Land,  
Construction, and Betterments from the Organization of the  
Board, Oct. 8, 1875, to Jan. 31, 1897.*

## LAND.

## Main Park System:

Fens . . . . .	\$596,254 49	
Riverway . . . . .	452,457 53	
Leverett Park . . . . .	269,104 04	
Jamaica Park . . . . .	812,843 56	
Arborway . . . . .	245,584 25	
Arnold Arboretum and Bussey Park	76,790 35	
West Roxbury Parkway . . . .	117,665 29	
Franklin Park . . . . .	1,551,196 63	
	<hr/>	\$4,121,896 14

## Marine Park System:

Dorchesterway . . . . .	\$63,735 54	
Strandway . . . . .	356,880 97	
Marine Park . . . . .	232,972 57	
	<hr/>	653,589 08

Charlesbank . . . . .	373,916 99	
Wood Island Park . . . . .	132,800 00	
Charlestown Heights . . . . .	50,538 02	
Charlestown Playground . . . .	172,923 31	
Dorchester Park . . . . .	63,239 97	
Franklin Field . . . . .	155,810 86	
North End Beach . . . . .	328,184 44	
Copp's Hill Terraces . . . . .	90,858 19	
North Brighton Playground . . .	21,589 63	
Neponset Playground . . . . .	433 84	
	<hr/>	\$6,165,780 47

## CONSTRUCTION.

## Main Park System:

Commonwealth Avenue . . . .	\$100,073 42	
Fens . . . . .	2,039,452 10	
Riverway . . . . .	562,439 15	
Leverett Park . . . . .	358,242 97	
Jamaica Park . . . . .	155,334 09	
Arborway . . . . .	187,664 83	
Arnold Arboretum and Bussey Park	240,100 43	
West Roxbury Parkway . . . .	5,903 06	
Franklin Park . . . . .	1,900,232 89	
	<hr/>	\$5,549,442 94

*Amounts carried forward,*

\$5,549,442 94 \$6,165,780 47

## 33

<i>Amounts brought forward,</i>		\$5,549,442 94	\$6,165,780 47
<b>Marine Park System:</b>			
Dorchesterway . . . . .	\$60,466 10		
Strandway . . . . .	60,723 42		
Marine Park . . . . .	1,015,123 25		
Castle Island . . . . .	31,060 92		
		1,167,373 69	
Charlesbank . . . . .		305,511 13	
Wood Island Park . . . . .		208,300 79	
Charlestown Heights . . . . .		95,156 63	
Charlestown Playground . . . . .		8,524 01	
Dorchester Park . . . . .		2,882 33	
Franklin Field . . . . .		65,965 69	
North End Beach . . . . .		51,414 44	
Copp's Hill Terraces . . . . .		9,593 02	
General Account . . . . .		73,987 50	
Park Nursery . . . . .		29,947 07	
			7,568,099 24

**BETTERMENTS.**

Betterment expenses . . . . .	13,356 10
	<u>\$13,747,235 81</u>

**PARK BETTERMENTS COLLECTED BY CITY COLLECTOR,  
TO FEB. 1, 1897.**

	Assessm'ts committed to Collector.	Abated.	Net Assessm'ts	Collected.	Outstand- ing Feb. 1, 1897.
Public Park, Back Bay....	\$434,600 00	\$143,126 73	\$291,473 27	\$290,404 27	\$1,069 00
Marine Park.....	23,543 00	12,616 80	10,926 20	10,926 20	
Franklin Park.....	135,029 00	122,000 68	13,028 34	13,028 34	
Parkway Old Harbor.....	60,789 00	50,426 00	10,363 00	8,256 00	2,107 00
“ Muddy River....	108,972 00	74,775 00	34,197 00	21,889 00	12,308 00
“ West Roxbury..	154,107 00	92,376 50	61,730 50	12,588 50	49,142 00
“ Dorchester .....	9,713 00	568 00	9,145 00	4,242 65	4,902 35
	\$926,753 00	\$495,889 69	\$430,863 31	\$361,334 96	\$69,528 35

**PUBLIC PARK DEBT.**

*Liabilities.*

Total loan outstanding, Jan. 31, 1897 . . . . . \$11,618,300 00

*Resources.*

Resources of Sinking Fund, Jan. 31, 1897 . . . . . 2,232,121 27

Net debt, Jan. 31, 1897 . . . . . \$9,386,178 73

Public Parks. — Table of Appropriations.

NAME.	Date.	Special statutes.	Amount.	Object.	Amount expended.	Balance.
Park Department.....	Oct. 5, 1875	.....	Appropriation, \$6,900 00	Dept. Expenses,	\$5,409 38	Merged, \$1,490 62
" ".....	May 1, 1876	.....	" 5,000 00	"	5,000 00	
Public Park, Back Bay...	July 23, 1877	Chap. 185, Acts 1875 ..	Loan, 450,000 00	Land.....	450,000 00	
Park Department.....	Dec. 24, 1877	.....	Appropriation, 3,000 00	Dept. Expenses.	2,992 63	Merged, 7 37
Public Park, Back Bay...	Feb. 12, 1878	.....	" 25,000 00	Construction...	25,000 00	
" ".....	" 23, 1878	.....	" 16,000 00	Land.....	16,000 00	
Park Department.....	April 16, 1878	.....	" 6,000 00	Dept. Expenses,	4,300 00	Transferred to Back Bay, 1,700 00
Public Park, Back Bay...	July 3, 1878	.....	" 25,000 00	Construction...	25,000 00	
Park Nursery.....	" 31, 1878	.....	" 2,000 00	"	1,911 09	Merged, 88 91
Public Park, Back Bay...	Mar. 15, 1879	Transferred from Park Department..	" 1,700 00	"	1,700 00	
Park Department.....	April 23, 1879	.....	" 5,000 00	Dept. Expenses,	5,000 00	
Public Park, Back Bay...	" 23, 1879	.....	" 120,000 00	Construction...	120,000 00	
" ".....	" 10, 1880	.....	" 214,000 00	"	214,000 00	
Park Department.....	" 10, 1880	.....	" 5,000 00	Dept. Expenses,	4,767 97	Merged, 232 03
Park Nursery.....	" 10, 1880	.....	" 1,000 00	Construction...	1,000 00	
Public Park, Back Bay...	" 6, 1881	.....	" 202,000 00	"	202,000 00	
Park Department.....	" 6, 1881	.....	" 5,000 00	Dept. Expenses,	4,950 53	Merged, 49 47
Muddy River Improvement	" 6, 1881	.....	" 5,000 00	Construction...	4,900 00	Transfer'd to Arboretum, 1,000 00
West Roxbury Park (Franklin Park).....	Dec. 16, 1881	Chap. 185, Acts 1875 ..	Loan, 600,000 00	Land.....	600,000 00	
Charles River Embank- ment.....	" 24, 1881	"	" 300,000 00	"	300,000 00	
Muddy River Improvement	" 24, 1881	"	" 200,000 00	"	200,000 00	
City Point Park (Marine Park).....	" 24, 1881	"	" 100,000 00	"	100,000 00	
East Boston Park (Wood Island Park).....	" 24, 1881	"	" 50,000 00	"	50,000 00	
Arnold Arboretum.....	" 28, 1881	"	" 60,000 00	"	60,000 00	
Public Park, Back Bay...	April 20, 1882	.....	Appropriation, 200,000 00	Construction...	200,000 00	
Park Department.....	" 20, 1882	.....	" 5,000 00	Dept. Expenses,	4,392 07	Merged, 607 33
" ".....	" 6, 1883	.....	" 5,000 00	"	5,000 00	
Park Nursery.....	" 6, 1883	.....	" 1,000 00	Construction...	100,000 00	Transfer'd to Arboretum, 1,000 00
Public Park, Back Bay...	" 6, 1883	.....	" 100,000 00	"	100,000 00	
Arnold Arboretum.....	" 6, 1883	.....	" 15,000 00	"	15,000 00	

Table of Appropriations. — Continued.

NAME.	Date.	Special statutes.	Amount.	Object.	Amount expended.	Balance.
West Roxbury Park	April 6, 1883	.....	Appropriation, \$5,000 00	Construction ...	\$5,000 00	
Franklin Park	" 6, 1883	.....	" 5,000 00	" .....	1,000 00	Transfer'd to Arboretum, \$4,000 00
Wood Island Park	" 17, 1883	.....	Loan, 120,000 00	Land .....	120,000 00	
City Point Park (Marine Park)	June 21, 1883	.....	Appropriation, 3,000 00	Construction .....	3,000 00	
Marine Park	" 21, 1883	.....	" 1,000 00	" .....	1,000 00	
Charles-river Embankm't,	Jan. 1, 1884	.....	" 4,000 00	" .....	4,000 00	
Arnold Arboretum	" 1, 1884	.....	" 1,000 00	" .....	1,000 00	
"	" 1, 1884	.....	" 1,000 00	" .....	1,000 00	
"	" 1, 1884	.....	Loan, 500,000 00	Land .....	500,000 00	
W. Roxbury Park (Franklin Park)	April 30, 1884	.....	Appropriation, 150,000 00	Construction ...	150,000 00	
Public Park, Back Bay	" 30, 1884	.....	" 125,000 00	" .....	125,000 00	
Charles-river Embankm't,	" 30, 1884	.....	" 25,000 00	" .....	25,000 00	
Wood Island Park	" 30, 1884	.....	" 24,000 00	" .....	16,000 00	Transfer'd to Arboretum, 8,000 00
W. Roxbury Park (Franklin Park)	" 30, 1884	.....	" 24,000 00	" .....	24,000 00	
Marine Park	" 30, 1884	.....	" 20,000 00	" .....	20,000 00	
Arnold Arboretum	" 30, 1884	.....	" 5,000 00	Dept. Expenses, .....	5,000 00	
Park Department	Nov. 22, 1884	.....	" 8,000 00	Construction ...	8,000 00	
Arnold Arboretum	April 30, 1885	.....	" 45,000 00	" .....	45,000 00	
Public Park, Back Bay	" 30, 1885	.....	" 15,000 00	" .....	15,000 00	
Marine Park	" 30, 1885	.....	" 10,000 00	" .....	10,000 00	
Franklin Park	" 30, 1885	.....	" 5,000 00	" .....	5,000 00	
Wood Island Park	" 30, 1885	.....	" 5,000 00	" .....	5,000 00	
Park Department	" 30, 1885	.....	" 4,000 00	Dept. Expenses, .....	4,000 00	
Park Nursery	" 30, 1885	.....	" 3,000 00	Construction ...	3,000 00	
Franklin Park	June 29, 1885	.....	" 10,000 00	" .....	10,000 00	
Wood Island Park	Sept. 26, 1885	.....	" 2,600 00	" .....	2,600 00	
Park Nursery	Nov. 14, 1885	.....	" 16,000 00	Land .....	16,000 00	
Charles-river Embankm't,	" 14, 1885	.....	Loan, 50,000 00	Construction .....	50,000 00	
"	" 20, 1885	.....	" 50,000 00	" .....	50,000 00	



Marine Park .....	" 14, 1885	Chap. 185, Acts 1875 ..	Loan,	\$13,000 00	Land .....	12,372 57	Transfer'd to City Account, 27 43
Public Park, Back Bay ..	Dec. 28, 1885	Transferred from Muddy River .....					
Park Department .....	May 6, 1886		Appropriation,	2,300 00	Construction ..	2,300 00	
Park Nursery .....	June 6, 1886		"	6,500 00	Dept. Expenses, ..	6,500 00	
Arnold Arboretum .....	April 24, 1886		Loan,	5,000 00	Construction ..	5,000 00	
" .....	June 12, 1886	Chap. 185, Acts 1875 ..	"	4,000 00	Land .....	4,000 00	
Charles river Embankm't.	Oct. 22, 1886	"	"	16,000 00	"	15,432 71	Transfer'd to Sinking Fund, 67 29
Public Park Construct'n	Jan. 4, 1887	"	"	55,000 00	"	54,886 45	Transfer'd to Sinking Fund, 113 55
Park Department .....	Feb. 10, 1887	Chap. 304, Acts 1886 ..	"	2,500 00 00	Construction ..	2,500,000 00	
Park Nursery .....	Dec. 31, 1887		Appropriation,	6,500 00	Dept. Expenses, ..	6,500 00	
	April 30, 1887		"	5,000 00	Construction ..	5,000 00	
Park Maintenance .....	Apr. 30, 1887		Loan,	15,000 00	Maintenance .....	14,965 44	
Public Park Lands .....	June 4, 1887	Chap. 312, Acts 1887 ..	Appropriation,	400,000 00	Land .....	400,000 00	
Park Nursery .....	" 2, 1888		"	6,500 00	Dept. Expenses, ..	6,500 00	
Park Maintenance .....	" 2, 1888		"	5,000 00	Construction ..	5,000 00	
Park Department .....	Apr. 23, 1889		"	20,000 00	Maintenance ..	20,000 00	
Park Nursery .....	" 23, 1889		"	7,500 00	Dept. Expenses, ..	7,500 00	
Park Maintenance .....	" 23, 1889		"	6,000 00	Construction ..	5,963 45	
Public Park Lands .....	Feb. 11, 1890	Chap. 332, Acts 1888 ..	Loan,	35,000 00	Maintenance ..	35,000 00	
" received from town of Brookline ..				600,000 00	Land .....	600,000 00	
Park Maintenance .....	" 11, 1890	Chap. 339, Acts 1890 ..	"	20,000 00	"	20,000 00	
" .....	Mar. 8, 1890	Transferred by City Auditor .....	"		Maintenance ..	2,836 52	
Public Parks, Charlestown.	May 9, 1890	Chap. 271 and 444, Acts 1890 ..	Appropriation,	2,836 52	"	56,500 00	
Franklin Park .....	Oct. 13, 1890		Loan,	56,500 00	Land and Cons.,	200,000 00	
Charlesbank .....	" 17, 1890		"	14,000 00	Land .....	14,000 00	
Park Maintenance .....	Apr. 15, 1891	Chap. 185, Acts 1875 ..	Appropriation,	2,839 02	"	2,839 02	
Public Parks .....	May 7, 1891	Transferred from sale of city property ..	Loan,	60,000 00	Maintenance ..	60,000 00	
Park Department .....	Jan. 30, 1892	Chap. 301, Acts 1891 ..	Appropriation,	3,500,000 00	Land and Cons.,	3,500,000 00	
" .....	May 18, 1892	Transferred from Reserved Fund by Mayor and Committee on Finance ..	"	60,000 00	Maintenance ..	60,000 00	
" .....	June 9, 1892		"	5,000 00	"	5,000 00	
Park Department .....	Jan. 31, 1893	Transferred by City Auditor .....	"	8,000 00	"	8,000 00	
				3,626 07	"	3,626 07	

Table of Appropriations. — Concluded.

NAME.	Date.	Special statutes.	Amount.	Object.	Amount expended.	Balance.
Park Department.....	Feb. 10, 1893	.....	Appropriation, \$80,000 00	Maintenance...	\$80,000 00	
"	Dec. 6, 1893	Transferred by City Auditor.....	20,000 00	"	20,000 00	
"	Jan. 31, 1894	Transferred by City Auditor.....	6,431 80	"	6,431 80	
Public Parks, Wards 6 and 7.....	May 17, 1893	Chap. 282, Acts 1893 {	"	Land.....	408,000 00	
Playstead, No. Brighton.	July 10, 1893	.....	"	Construction...	50,000 00	
Public Parks.....	Feb. 1, 1894	.....	"	Land.....	25,000 00	
"	" 1, 1894	.....	"	Construction ...	21,224 63	
		Transferred from Crushed Stone Appropriation for Street Improvements.....	500,000 00		500,000 00	Balance, \$3,775 37
Park Department.....	" 12, 1894	.....	"	Street Imp'v'ts,	50,000 00	
"	May 10, 1894	.....	"	Maintenance ...	100,000 00	
Public Parks.....	June 8, 1894	.....	"	"	7,000 00	
Park Department.....	" 11, 1894	.....	Loan, 1,000,000 00	Land and Cons.,	1,000,000 00	
"	Dec. 31, 1894	Transferred by City Auditor.....	Appropriation, 5,000 00	Maintenance...	5,000 00	
"	April 1, 1895	.....	"	"	3,898 61	{ Transferred to Police Department, 20,000 00
Public Parks.....	July 9, 1895	.....	"	"	109,756 33	{ Merged, 243 67
Public Parks, Strandway	Mar. 7, 1896	.....	"	Construction...	100,000 00	
Park Department.....	.....	.....	"	"	37,640 33	Balance, 62,359 67
Public Parks.....	.....	.....	"	Maintenance...	110,000 00	
Public Parks, Strandway.	Jan. 31, 1897	Chap. 453, Acts 1896.....	Loan, 700,000 00	Land and Cons.,	250,409 26	449,590 74
Public Parks, Wds. 6 and 7,	July 18, 1896	"	"	"	11,007 46	200,000 00
Public Parks, Wds. 6 and 7,	" 14, 1896	Chap. 282, Acts 1893.....	"	"	11,042 63	88,952 54
Neponset Playground.....	Oct. 22, 1896	.....	Appropriation, 15,000 00	"	433 84	14,566 16
North End	.....	.....	"	"	.....	100,000 00

Billings Field, West Roxbury.....	Oct. 22, 1886	.....	Appropriation, \$20,000 00	.....	Balance,	\$20,000 00
Freeport street, Play-ground.....	Oct. 22, 1886	.....	" 4,000 00	.....	"	4,000 00
Park Department.....	Jan. 31, 1887	.....	" 10,483 29	Maintenance...	10,483 29	
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883.....		.....	\$15,420,445 31			\$982,235 23
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883.....		.....	1,772 28		\$14,438,210 08	
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883.....		.....	13,896 08			
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883.....		.....	12,989 80			
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883, June 15 and Oct. 23, 1886.....		.....	15,900 93			
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883, June 15 and Oct. 23, 1886.....		.....	7,415 54			
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883, June 15 and Oct. 23, 1886.....		.....	3,950 06			
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883, June 15 and Oct. 23, 1886.....		.....	4,421 12			
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883, June 15 and Oct. 23, 1886.....		.....	6,452 97			
Income appropriated to Maintenance by City Council order approved Dec. 18, 1883, June 15 and Oct. 23, 1886.....		.....	10,000 00		76,808 78	
From fund contributed by abutters on Commonwealth avenue..			\$15,497,254 09		\$14,515,018 86	\$982,235 23

**Summary.**

Appropriations for Construction .....	\$4,879,600 00
"    "    Land and Construction .....	5,700,000 00
"    "    Land .....	4,020,169 02
"    "    Maintenance, including Income .....	815,585 07
"    "    Department expenses .....	81,900 00
	<hr/>
Less expenditures as above .....	\$15,497,254 09
	<hr/>
Less transfers and merged balances .....	\$982,235 23
	<hr/>
Balances on hand Jan. 31, 1897 .....	38,693 38
	<hr/>
	<hr/>
	\$943,541 85
	<hr/>

### Pending Contracts.

The pending contracts, with the value of the unperformed work, are as follows: —

CONTRACTOR.	Place.	Nature of Work.	Date of Finishing speci- fied in Contract.	Amount.	Unperformed.
F. A. Snow.....	Jamaica Park.....	Grading.....	July 1, 1897.....	\$5,160 00	\$5,160 00
J. J. Flynn.....	Franklin Park.....	Refectory Building.....	May 21, 1895.....	72,355 00	4,820 00
William T. Eaton.....	" "	Carriage Sheds.....	Nov. 20, 1896.....	12,423 00	6,423 00
James Doonan.....	Arnold Arboretum.....	Grading.....	July, 1, 1897.....	13,750 50	11,800 50
Thomas F. Broderick.....	" "	Wall.....	May 1, 1897.....	5,670 00	5,670 00
Gerry & Northup....	Marine Park.....	Head House.....	May 1, 1895.....	83,111 67	111 67
McHale & Heisler.....	Charlestown Heights.....	Wall.....	Dec. 1, 1896.....	4,690 00	727 51
Perkins & White.....	Public Parks, Wards 6 and 7,	Walls, Drainage, etc.....	June 1, 1897.....	23,000 00	17,210 65
W. L. Miller.....	" "	Wall, Westerly Dock.....	May 1, 1897.....	8,243 00	8,243 00
Jones & Meehan.....	Strandway, West.....	Sea-wall and Grading.....	June 1, 1897.....	117,000 00	94,704 70
Hugh Farrell.....	" "	Grading.....	Dec. 1, 1897.....	75,200 00	67,452 50
James Dolan.....	" "	Loam.....	Jan. 9, 1897.....	1,740 00	928 28
				\$422,343 17	\$223,251 81



Park Statistics to Jan. 31, 1897.

PARKS.	Year of Taking.	COST TO DATE.		Total.	Area.	Length of Driveways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction						
MAIN PARK SYSTEM:									
Commonwealth Avenue.....	1894.....	.....	\$100,073 42	\$100,073 42	30 acres.....	2.8 miles	4.13 miles		
* Fens.....	1879.....	\$596,254 49	2,039,452 10	2,635,706 59	115 " .....	4.0 "	6.7 "	1.1 miles	28 acres
* † Riverway.....	1890.....	452,457 53	562,439 15	1,014,896 68	40 " .....	1.4 "	2.8 "	1.2 "	8 "
* † Leverett Park.....	1890 and 1892	269,104 04	358,242 97	627,347 01	60 " .....	1.2 "	3.4 "	0.9 mile	14 "
* Jamaica Park.....	1892.....	812,843 56	155,334 09	968,177 65	120 " .....	1.5 "	5.6 "	0.7 "	64.5 "
Arborway.....	1892.....	245,584 25	187,664 83	433,249 08	36 " .....	3.4 "	1.25 "	1.4 miles	
* Arnold Arboretum and Bussey Park.....	1882 and 1895	76,790 35	240,100 43	316,890 78	223 " .....	3.7 "	7.2 "	.....	0.6 acre
West Roxbury Parkway.....	1894.....	117,665 29	5,903 06	123,568 35	150 " .....	4.1 "			
* Franklin Park.....	1883 and 1884	1,551,196 63	1,900,232 89	3,451,429 52	527 " .....	10.0 "	19.1 "	2.5 "	7.4 acres
MARINE PARK SYSTEM:									
* Dorchesterway.....	1892.....	63,735 54	60,466 10	124,201 64	6 " .....	0.75 mile	1.6 "		
Strandway.....	1890 and 1892	356,880 97	60,723 42	417,604 39	{ 20 " land 174 " flats }	1.7 miles	3.1 "		
* Marine Park.....	1883.....	232,972 57	1,013,715 84	1,246,688 41	{ 32 " land 235 " flats }	0.9 mile	2.6 "	.....	4.4 "
Castle Island.....	1890.....	.....	32,468 33	32,468 33	21 " .....	0.4 "	1.6 "		

* CHARLESBANK .....	1883 .....	373,916 99	305,511 13	673,423 12	10	"	.....	1.5	"
* WOOD ISLAND PARK .....	1882 and 1891 .....	132,800 00	208,300 79	341,100 79	{ 46 165 }	" land " flats }	1.1	"	"
* CHARLESTOWN HEIGHTS .....	1891 .....	50,538 02	95,156 63	145,694 65	{ 4 6 }	" land " flats }	.....	0.4	mile
* CHARLESTOWN PLAYGROUND .....	1891 .....	173,923 31	8,524 01	181,447 32	{ 14 4 }	" land " flats }	.....	0.9	"
* PUBLIC PARK, NORTH END .....	1893 .....	419,042 63	61,007 46	480,050 09	{ 4 3 }	" land " flats }	.....	0.43	"
* DORCHESTER PARK .....	1891 .....	63,239 97	2,882 33	66,122 30	26	"	.....		
* FRANKLIN FIELD .....	1892 .....	155,810 86	65,965 69	221,776 55	77	"	.....		
BILLINGS FIELD .....	1896 .....	.....	.....	.....	11	"	.....		
* NORTH BRIGHTON PLAYGROUND .....	1894 .....	21,589 63	.....	21,589 63	14	"	.....		
NEPONSET PLAYGROUND .....	1896 .....	433 84	.....	433 84	18	"	.....		
General Account .....		\$6,165,780 47	\$7,464,164 67	\$13,629,945 14					
Park Nursery .....		.....	73,987 50	73,987 50					
Betterment Expenses .....		.....	29,947 07	29,947 07					
		.....	13,356 10	13,356 10					
		\$6,165,780 47	\$7,581,455 34	\$13,747,235 81	2,191 acres		36.95 miles	65.21 miles	126.9 acres

\* The lands in these parks have been paid for in full. † An additional area of 84 acres is within the limits of the town of Brookline.  
Of the above total lengths of Driveways, Walks, and Rides, there have been completed to date respectively 22.4 miles, 29.9 and 6.1 miles.

## PARK CONSTRUCTION.

The appropriation for public parks had so far diminished at the beginning of the last financial year that a further loan of \$1,000,000 was requested by the Board to satisfy judgments for land damages, and for carrying on the park work. This request, which was made to the Legislature, with the concurrence of the city government, resulted in the passage of chap. 453 of the Acts of 1896, which authorized further expenditures for public parks, including payments for land, to the extent of \$1,000,000, of which \$100,000 was to be expended on the public park at the North End, and \$200,000 for the completion of the Strandway, in addition to the appropriation of \$100,000 already made by the City Council for the Strandway.

Contracts were entered into for building a sea wall and grading at the Strandway from Marine Park to O street, and for filling and grading the Strandway from O street to H street. These works are now in progress.

The contract for grading North End Beach, including the building of a wall on the line of Commercial street and of sea walls and drains, which was in progress at the beginning of the year, was completed, and contracts were made for constructing Copp's Hill Terraces, and a wall on the westerly dock. Plans for the piers, Administration Building and bath-houses have also been prepared, and the construction of these will begin at once, so that the completion of this park, within the present year, will be assured.

In order to further carry out the original plan of a drive around Jamaica pond, a contract was made late in the season for grading the drive, walks and slopes, on the westerly side of Jamaica park, from Perkins street to Jamaica way. The drive will follow near the shore of the pond through what was formerly the Chickering and Parkman estates; thence over the former location of the ice houses, which is now a barren waste, to the Morse estate, where it will pass at a somewhat higher elevation across the site of the former dwelling-house; thence through the Frothingham estate, close to Prince street, to its junction with the Jamaica way drive.

The development of the land adjoining the Arborway on South street, for building purposes, made it incumbent upon the Board to construct the traffic road, from South street to the farther limit of this land, to give access to the houses which are being erected fronting the park. A contract has also been made for the construction of a wall between the Arborway and the Arnold Arboretum, it being a part of the duty of the city, under the agreement with Harvard College, to enclose the Arboretum with suitable walls or fences. This work was done agreeably to the wishes of Prof. Charles S. Sargent, director of the Arboretum, who expressed the desire that the wall should be substantial but inexpensive.

Under the indenture with Harvard College by which Peters' Hill was added to the Arboretum, the driveway, from South street to Walter street, was required to be constructed within two years. A contract was therefore made for grading this section, work under which is now in progress. The Board is considering an entrance to this part of the Arboretum from Roslindale, that this section of the city may have an entrance to the park system, and preliminary surveys have been made with this object in view. The result is contingent, to some extent, upon negotiations with land owners now in progress.

The northerly boundary of the West Roxbury Parkway, between Centre and Weld streets, requires some additional land from the adjoining estates to allow of the construction of a border road similar to the boundary roads on the other side of the parkway. As the construction of such a road would be a very great advantage to the adjoining lands, it is to be expected that the owners of these lands will meet the city in a liberal spirit of co-operation, which will enable the Board to secure the necessary lands on reasonable terms. The total additional area required is about eighteen acres.

The completion of the bridge to carry the New York, New Haven and Hartford Railroad over the Arborway at Forest Hills, which was in progress of construction throughout last year, will make it possible to grade and surface the roadways under the arches early in the coming season. The construc-



tion of the side roads of the Arborway will also be undertaken at once, with a view to completing this section of the parkway as soon as possible.

The Forest Hills entrance to Franklin Park was finished and opened to the public during the summer, and the temporary entrance through Ellicott street was closed. Considerable work had to be done in the immediate neighborhood of the Refectory to make it accessible to the public. A shelter for carriages has also been constructed at this point for the convenience of those who may wish to leave their carriages while visiting the park.

The first teeing ground of the golf links has been moved to the Abbotswood side of the park, in order that the conveniences of the Refectory and carriage-sheds may be within easy distance of the links. The links were opened late in the fall as an experiment, with Willie Campbell as green-keeper. The tennis grounds at Ellicottdale were much frequented during the season, showing that the facilities offered by the city to lovers of this sport were much appreciated.

The use of Franklin Field for games of cricket, baseball and football, and particularly for skating, has so much increased as to make the erection of a suitable building desirable for the use of players in summer and skaters in winter. A building to serve the needs of golf players and picnickers at Abbotswood, and those using Franklin Park for recreation, being also needed, the Board had preliminary sketches submitted by three architects for the two houses. No further progress has been made, however, as the Board found that the condition of its appropriation would not allow of their construction, without seriously crippling the funds necessary to maintain the day-labor force through the financial year. These buildings, together with the sheep-fold for Franklin Park designed by the Architects' Division of the Public Buildings' Department, must await further appropriations for park construction before they can be erected. For the same reason, the boating and skating house at Jamaica pond and the proposed Administration Building and boat-house at the Fens, both of which are greatly needed, must also be postponed.



The Board, recognizing the necessity of abundant drinking facilities and sanitary conveniences, is making arrangements to largely increase the number of public lavatories and drinking fountains.

The sewers in Dorchesterway having been constructed by the Street Department, between Pond street and Dorchester avenue, work was resumed during the summer on the surfacing of the driveway through this section of the Parkway, which has been nearly completed. In connection with this work, a part of the roadway, between Dorchester avenue and Buttonwood street, has been subgraded by the removal of the ledge.

The construction of St. Martin street along the westerly border of Charlestown Heights made it necessary for this department to build a retaining-wall on the line of the street. This work was done under contract, and was completed late in the season. Some grading and planting will be required to complete the work on this section of Charlestown Heights. The filling of the flats, north of the Boston and Maine Railroad, which can be undertaken when the filling of Charlestown Playground is finished, will afford a convenient place for beach bathing, facilities for which in the peninsular are now wholly lacking.

Besides the work already mentioned, the day-labor force has been occupied in completing work which was in progress at the beginning of the year, details of which may be found by reference to the City Engineer's report in the Appendix, and in the work of maintenance which requires the services of a larger number of men each year.

The Refectory at Franklin Park and the Head House at Marine Park were completed and opened to the public last June, under a tentative arrangement with James Dooling and L. E. Bow, respectively, for the first season without compensation to the city. It was not expected that the business done would warrant the payment of rent until the facilities provided were better known to the public, and the reputation of the houses established. The result of the first season's business has justified the wisdom of this arrange-

ment, and furnished the experience necessary to perfect the terms of agreements to cover a period of five years. These agreements will provide for first-class service in all departments, under proper supervision, with a reasonable compensation to the city for the privilege based on a percentage of the gross receipts. In order to empower the Board to execute such agreements, application will be made to the Legislature for an act to authorize the leasing of land and buildings for refectory or similar purposes.

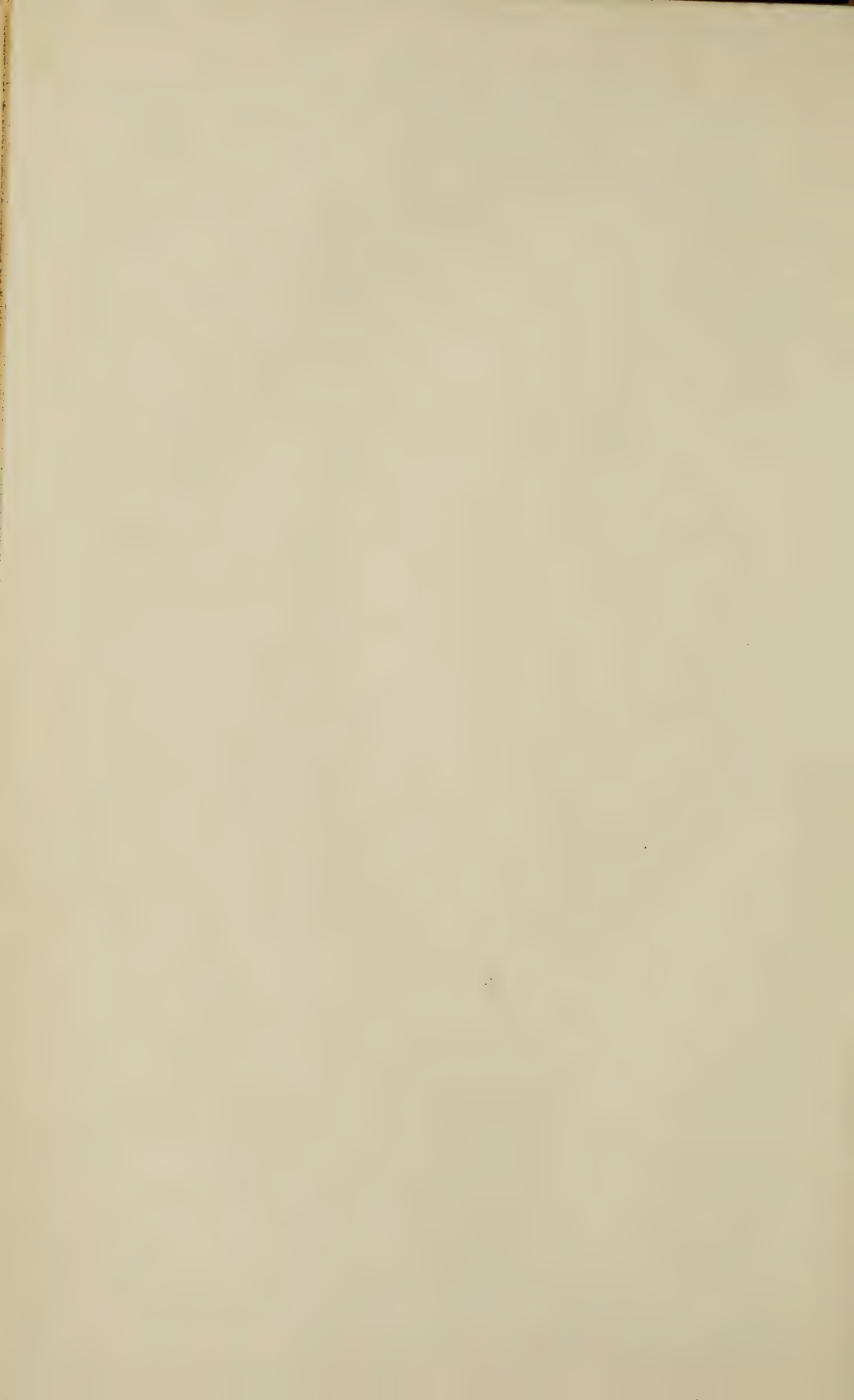
The completion of the house at Pine Bank, Jamaica Park, early last year, and the efforts of the Board to lease it for refectory purposes, brought up the question whether public opinion would permit houses for refreshment in public parks to be carried on with the same privileges regarding the supplying guests with liquid refreshments which were accorded elsewhere under the license laws. With the object of testing the matter the parties proposing to open this house and Franklin Park Refectory were given a hearing by the Board of Police, on their applications for licenses, in the chamber of the House of Representatives, State House. So much opposition was manifested at this hearing that, with the advice of this Board, the applications were withdrawn. The certainty that a satisfactory restaurant could not be successfully carried on at Pine Bank House without a license, caused the project to be abandoned, and the house to remain closed through the season.

The desirability of abandoning the location heretofore occupied at Franklin Park for temporary quarters so that the building can be removed to allow of the improvement of this part of the park, and the need of an Administration Building at Jamaica Park, caused the Board to consider the question of remodelling Pine Bank House to serve the purpose of administrative headquarters; and believing that the efficiency of the administration of the department would be much increased by the consolidation of its general office with the offices of superintendence, construction and maintenance, in one building, the Board has determined to remove its present down-town office to the Pine Bank House, together



PINE-BANK HOUSE, JAMAICA PARK.





with the offices now maintained at Franklin Park and on the Riverway; so that all departments may have ready access to the files and papers of other departments and thus, by association, enable the service to be carried on more economically and effectively than by distinct and widely separated offices. All departments can thus be much more readily supervised than heretofore.

The necessity for a responsible executive head of the department has gradually forced itself upon the attention of the Board, and after having given the subject careful attention, and having examined the administrative machinery of the park systems of several other American cities, the Board engaged Mr. John A. Pettigrew, who has had a wide experience as superintendent of the parks of Milwaukee, Brooklyn, and Jackson Park, Chicago, as the executive manager of the entire system of this city, with full control of the engineering and landscape gardening departments. The Board thus obtains a much more efficient administration, with undivided responsibility, and also expects to make a considerable saving of the city moneys which are unavoidably wasted under divided and insufficient responsibility.

The Board again expresses its belief that the parks will not be satisfactorily administered until the appointment and control of those who enforce the rules and regulations of the Board are restored to the Board, and that a system by which the police force for the parks is appointed by, and is responsible to, another commission than the one having the charge of the parks, must always be an obstacle in the way of their good government.

#### ELECTRIC RAILWAY IN THE FENS.

The original plan of the Fens provided for horse car service through Boylston road. Subsequently, on the advent of electric cars, this plan was abandoned, for the reason that such a location, being partly within a side road only 30 feet in width, would be inadequate to the operation of an electric road, and because of the added danger and noise of electric cars and the unsightliness of poles and wires.



This location, therefore, being considered inadmissible, the Board, in 1891, voted to request the City Engineer to report as to the feasibility of carrying the street car tracks from the east entrance of Boylston street in the Fens across the channel and under Charlesgate West. Such a plan was submitted by Mr. Jackson, with an estimate of the cost. In 1894, at the solicitation of Mayor Matthews, a strip of land and right of way was purchased, running from Charlesgate West to Landsdown street, connecting thence with Boylston street, west of the Fens, through a new street which was to be laid out 80 feet wide to provide for street cars. The cost of the strip of land and right of way to the city was \$15,490. The Board always recognized that the rapid growth of the city would eventually demand street railway communication between the two sides of the parkway at the Back Bay Fens, and in voting to make this purchase, stated its opinion, that it would be a very great danger to human life to permit electric cars to traverse Boylston road through the Fens in the immediate neighborhood of the steam railroad.

Last year when Boylston street, west of the Fens, was rapidly approaching completion, the question of giving immediate access to the lands through which it runs was brought to the attention of the Board by those interested in the development of this section. Several conferences were held with the land owners, regarding the opening of communication between this territory and the city across the Fens. The land owners requested that a temporary location be given to the West End Road to lay tracks through Boylston road, past the John Boyle O'Reilly memorial, and over Richardson's beautiful bridge. This the Board declined to do, believing that the plan for the electric cars to pass to the north of Boylston road and under Charlesgate West was the true solution of the question; and, as the territory referred to was as yet unbuilt upon, such a route could be prepared and opened before any pressing necessity arose for the operation of the railroad.

If the street railway tracks were placed on the surface of Boylston road, as requested by the land owners, they would

traverse 1,600 feet of the driveway, which in some places is only 35 feet wide, requiring at least one-half of its width, and making four grade crossings of either the main pleasure driveway or the side roads.

If, on the other hand, the car tracks were deflected at Boylston bridge and carried partly over the planted strip and walk adjoining the sloping sides of the Fens, as suggested by the land owners, it would result in the destruction of twenty-five trees, ten of them being Lombardy poplars, more than fifteen years old, which are a characteristic feature of this part of the Fens.

Furthermore, the only pleasure walk on this side of the Fens would have to be sacrificed for the distance of a thousand feet, and no walk could be constructed to take its place without the entire destruction of the planted slopes of the Fenway for that distance and their reconstruction at great expense. The loss of this public promenade would largely destroy the value of the Fens to those who now resort to it for strolling, including many persons with children and baby carriages.

The Board believes that the use of the Fens for all purposes of pleasure would be largely curtailed, and that the whole parkway system, which has become a much thronged public resort for pleasure driving, walking and cycling, would suffer serious injury by the frequent passing of electric cars along the driveways which form its main entrance from the city; not only on account of the liability of accidents, but because the rumble of the cars, the noise of the motors, the ring of the wheels on the curved tracks and the whir of the trolley would prove to be a source of great annoyance, and also on account of the unsightly poles and wires which would be a great disfigurement of one of the chief points of interest in the park system.

No compensating advantages can be claimed for this route which would not be equally well obtained by the one which has been made available by the action of the Board already referred to.

The Board intimated that it would join with the land

owners and the railway company in constructing this route, if such an arrangement could be carried out. The land owners expressed their inability to join in such a plan and stated that the West End Street Railway Company declined to become a party to such an arrangement on the ground that it was no part of its duty to pay for the construction of public ways.

The failure of the plan to secure coöperation of the land owners and railway company in the construction of this way, however, raises the question, whether the building of a road of such capacity as would provide for all heavy traffic, which in the future will follow the line of Boylston street, would not be a work which the city would be justified in assuming the cost of, in view of the great advantages which would accrue for all time in securing immunity to the pleasure driveways from being inundated by this ever-increasing and undesirable traffic. Such a road could be laid out on the route of the proposed electric car line, thereby utilizing the land already owned by the city. Part of the expense of such a road could no doubt be assessed upon the abutting lands.

#### PLAYGROUNDS.

In the thirteenth annual report of the Board for the year 1887, sundry propositions, looking to the establishing of playgrounds are referred to, and in connection with the general subject the Board reported as follows: "In the late inaugural address of His Honor the Mayor, and also previously in a special message to the last City Council, attention was called to the large amount of vacant lands and other properties not used by the city, which he recommended to be sold. Reference was made to some of these lands in the 'Notes on the Plan of Franklin Park and Related Matters,' supplementary to the eleventh annual report of the Board, and a map showing their locations was published. Demands for playgrounds for the youth of the city are frequently made, which have been partially met in the past by hiring lands in different parts of the city. Might not some of these vacant properties, if found suitable and convenient for playgrounds





RIVERWAY — VIEW FROM LONGWOOD BRIDGE, LOOKING SOUTH.





and for open-air gymnasiums, be appropriated for such purposes, and might not others, not well situated or of insufficient area, be sold, and the proceeds applied to the purchase of more suitable lands? If this can be done, and the whole matter of playgrounds be referred to this Board for action or for examination and report, it will cheerfully undertake the duty."

Nothing came of these suggestions at that time, but now, after a lapse of ten years, with the effective aid of the Mayor, action is being taken on the lines then recommended.

This increased interest in the subject of local playgrounds has resulted in several additions to their number and bids fair to cause a still greater increase of grounds devoted to athletic sports and children's games. Plans for several of these grounds have been made, and where appropriations were available the lands required have been secured. On Dec. 14, 1896, eighteen acres of marsh land lying between Neponset avenue and the Old Colony Railroad were taken for the Neponset playground, under the appropriation passed by the City Council of 1895.

A tract of land containing eleven acres in West Roxbury, and known as Billings Field, was taken Dec. 14, 1896, for playground purposes, under an appropriation made by the last City Council.

A small triangular piece of land at the junction of Neponset avenue and Freeport street which, although too small to serve the purposes of a playground, will secure a pleasant resting-place for passers on these thoroughfares, will be taken under the special appropriation therefor, made by the City Council.

Plans for the city lot on East First and M streets, which is in process of being converted into a playground, and for the city lot on Fellows street, which has also been set aside by the City Council for a playground, both of which are in charge of the Public Grounds Department, have been made at the request of the Mayor.

Plans for the North Brighton Playground are also being considered, which will require the taking of about two acres

additional land to connect it with the Charles River Reservation of the Metropolitan Park System.

The Board has investigated the subject of playgrounds for Ward 3, Charlestown, and for the district near Washington Village, South Boston. For the Charlestown playground, it is believed that Adams Wharf on Chelsea street and Mystic river, lately occupied by the Oriental Coal Oil Company, and now vacant, is the most eligible site. It contains about two acres, enclosed by a sea wall on the river side, and is filled to a grade suitable for immediate use. For the South Boston playground, the vacant marsh lands lying between the Old Colony Railroad and the Strandway seem to furnish the most available location.

The Board trusts that the policy of establishing playgrounds in the various districts of the city, thus so well inaugurated, will be continued until the reasonable requirements of all sections are fully met, and that adequate appropriations will be made for the purpose.

The construction of these playgrounds, together with Franklin Field and Charlestown Playground in accordance with the plans, including the necessary buildings, will require an expenditure of about \$500,000. To secure other sites, and to construct similar playgrounds in other sections of the city would necessitate the expenditure of a like amount, or a total of \$1,000,000.

The Board also desires to call attention to the liberality and public spirit of a resident of Boston, Mrs. Esther P. Ahl, in the establishment and maintenance of a large in-door gymnasium at East Boston, which she now offers to give to the city, fully equipped with the best gymnastic apparatus, and in complete running order, on condition that the building shall always be maintained as a gymnasium or as a public bath-house. This liberal offer the Board has agreed to accept as soon as the requisite authority to maintain such an institution is granted by the Legislature. The Board hopes that this gift of Mrs. Ahl will be an incentive to others to emulate her example by giving to the public similar gymnasiums or field houses, athletic grounds and public baths in other sections of the city.

## FINANCIAL CONSIDERATIONS.

The balance of the appropriation for Public  
Parks on Jan. 31, 1897, less unfinished  
contracts, amounts to . . . . \$414,878 06

From this balance must be deducted the liabil-  
ities outside of contracts, being:—

Amount payable to O. C. R.R.,  
under agreement of June 22,  
1894, for Arborway arches,  
estimated at . . . . \$67,000 00

Estimated damages payable for  
land taken for West Rox-  
bury Parkway, and the  
Strandway amounting to . 42,000 00

And the amount reserved under  
agreement with the town of  
Brookline for rebuilding  
Longwood avenue bridge . 75,000 00

Or a total of . . . . 184,000 00

Leaving a balance available for new con-  
tracts and day labor of . . . . \$230,878 06

or a sum not more than sufficient for the maintenance of  
the day-labor force, employed on construction work, during  
the financial year, and a few minor contracts for fitting up the  
Pine Bank House and completing the pier and bath-houses  
at North End Beach.

The indenture between the City of Boston and Harvard  
College, with reference to Arnold Arboretum and Bussey  
Park, made the 22d of April, 1895, by which 68 acres of  
valuable land on Peters' Hill were added to the park system,  
provides that the city shall make and finish, fit for use, within  
five years, the driveways, the sites and dimensions of which  
are delineated on the plan which is referred to in said inden-  
ture; and that the driveway, through the valley from Walter  
street to South street, shall be finished within two years.  
The last-mentioned driveway is in process of being sub-



graded, and will be ready for surfacing early in the coming summer. To complete these driveways in accordance with the agreement, will require the expenditure of about \$65,000 during the next two years.

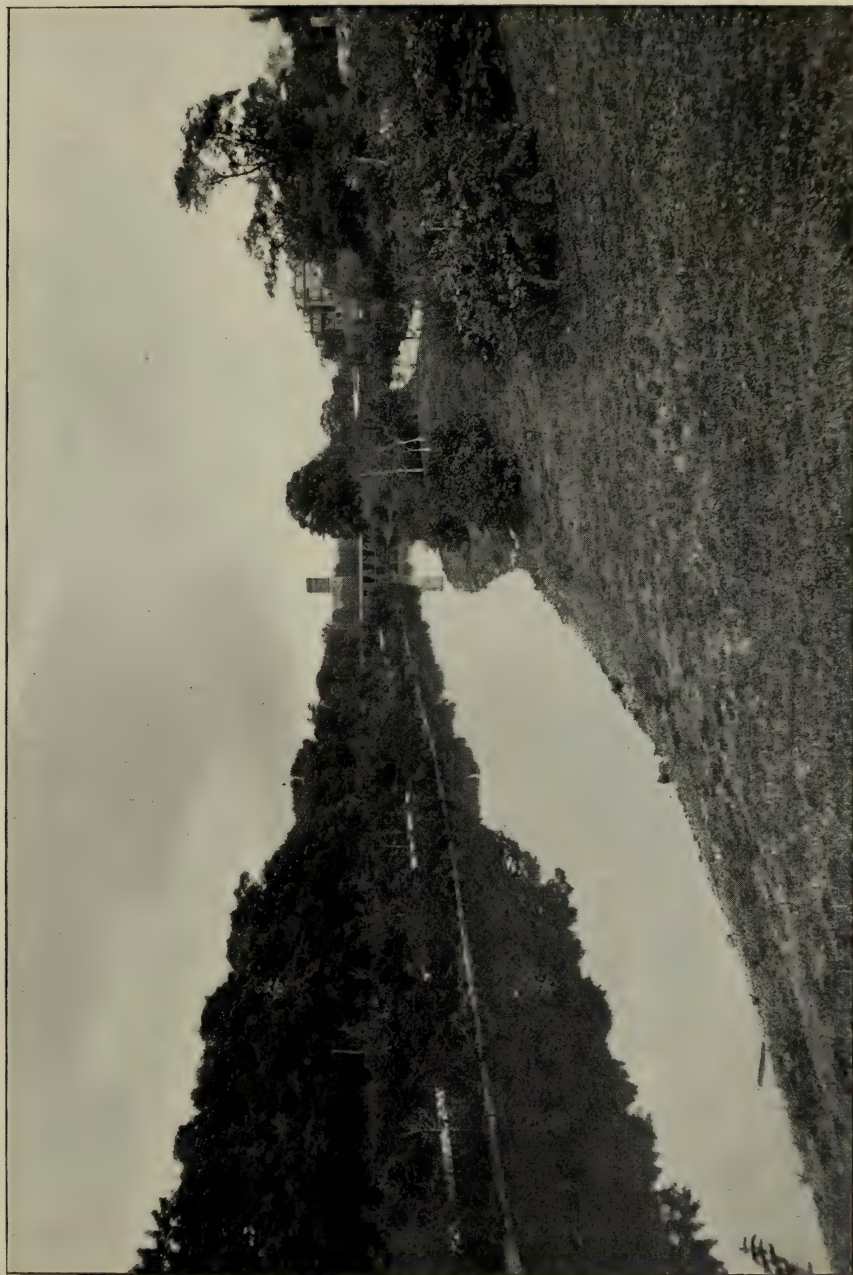
The purchase of additional land for the West Roxbury Parkway and the construction of driveways, in order to make the frontage available for building purposes, will require an appropriation of at least \$100,000.

A further sum of \$100,000 is needed for the construction of the section of the Fens, north of Beacon street. Fifty thousand dollars could be expended to good purpose at Wood Island Park in filling and grading, preparatory to the completion of the driveway and walks.

The erection of new buildings for the use of the department and for the accommodation of the public will require the expenditure of \$285,000, as follows:—

Administration Building and boat-house at the Fens . . . . .	\$25,000 00
Boating and skating shelter, Jamaica Park . . . . .	15,000 00
Sheep-fold and sewer, Franklin Park . . . . .	15,000 00
Stable and repair shops, Franklin Park . . . . .	35,000 00
Abbotswood cottage, Franklin Park . . . . .	15,000 00
Schoolmaster Hill Cottage, Franklin Park . . . . .	10,000 00
Field house, Franklin Field . . . . .	30,000 00
Pavilion for refreshment and shelter at Castle Island . . . . .	25,000 00
Pier and bath-houses, Marine Park . . . . .	40,000 00
Bath-houses, Administration Building and shelter, Wood Island Park . . . . .	25,000 00
Building and gymnasium, Charlestown Playground . . . . .	50,000 00
	<hr/>
	\$285,000 00

As has been suggested in a previous part of this report, our citizens, following the example set in other cities, can, by giving to the parks the more important of these buildings,



RIVERWAY—LONGWOOD BRIDGE FROM THE SOUTH.





which may bear such names as they may select, confer lasting benefit on the community, and build enduring monuments of the generosity and public spirit of the donors.

The ordinary works of construction performed by the day labor force will require an expenditure of about \$200,000 annually, or \$400,000 in the next two years.

It is evident that if the policy of constructing the parks, which has been pursued in the past, with a view to their completion at an early day, is to be continued, that an appropriation of \$1,000,000 should be at once available, and the Board recommends that authority for a further loan of that amount be obtained from the Legislature at the next session.

The Board has had estimates prepared by the City Engineer of the cost of completing the park system, in accordance with the plans of the Landscape Architects, so far as they have been developed.

These estimates, omitting those for the Strandway, as originally planned, and providing only for sea walls at K and M streets and wharf at Q street to complete the grading of the part now under contract, are as follows:—

The Fens . . . . .	\$100,000 00
Riverway . . . . .	74,000 00
Leverett Park . . . . .	27,000 00
Jamaica Park . . . . .	86,000 00
Arborway . . . . .	65,000 00
Arnold Arboretum . . . . .	65,000 00
Franklin Park . . . . .	575,000 00
Strandway, Marine Park to H street . . . . .	70,000 00
Marine Park . . . . .	634,000 00
Castle Island . . . . .	283,000 00
Wood Island Park . . . . .	278,000 00
North End Park . . . . .	21,000 00
Charlestown Heights . . . . .	2,000 00
	<hr/>
	\$2,280,000 00

These statistics represent what has been considered desirable to be done, not including work already under contract,

or the buildings referred to above, which are estimated to cost \$285,000, or the construction of the West Roxbury Parkway, the plans for which are not completed.

The plans upon which these estimates are based may be changed in some particulars which will reduce the expense, and some of the work may be postponed, but with the exceptions stated, the total represents substantially the amount required to complete the parks in accordance with the plans of the Landscape Architects already prepared.

#### STRANDWAY.

The construction of the Strandway on the lines planned by the Board is a work of such magnitude as to make it essential that a special appropriation should be made for the purpose, unless some other means is found for connecting Franklin Park with Marine Park by a suitable way, which will permit of the larger work being suspended for the present. The Board is of opinion that no such way can be planned which will fulfil the requirements of the Strandway so well as the carrying out of the original plan, and that, in any event, it must ultimately be constructed.

At the suggestion of the Mayor, the Street Commissioners and this Board are studying the problem of the construction of such a way on the line of Columbia street and an extension to South Boston. As this scheme cannot be carried out without further legislation, application will have to be made to the General Court for authority to construct a way which will serve the purposes of a parkway and for ordinary travel.

#### BICYCLE WAYS.

The demand for special bicycle ways in public parks and parkways has been under consideration by this Board, and a report from the Landscape Architects is herewith printed; the reasons therein given seeming to the Board conclusive against the establishment of such ways.

MAY 21, 1896.

Mr. E. C. HODGES, *Chairman of the Park Commission, Boston, Mass.*:

DEAR SIR:—We ask that the following account of our views respecting bicycling in the parks and parkways be placed on file:

1. A rural or country park is, of course, designed to serve the greatest good of the greatest number. Such a park is, however, designed to benefit this greatest number not in all possible ways, but especially in one particular way; namely, by providing scenery in striking contrast to the ordinary scenery of city streets. The removal of large spaces from the taxable area of a city is not justifiable if the lands so removed are used for purposes which smaller or less costly spaces would serve as well or better. Large parks are not created in order to provide flower gardens, zoölogical gardens, eating-houses, race courses, foot ball fields, or any other such things or conveniences, but primarily in order that the public may have access to interesting scenery. The general landscape is of first importance. No structures, games or practices tending to injure the landscape or incommode the public in its enjoyment of the landscape ought to be permitted. To allow any such things or practices to grow up in a country park is to defeat its primary and only justifying purpose.

2. Of all the people who resort to the landscape of a park much the largest number enter on foot. This, indeed, is as it should be, since it is really impossible to thoroughly enjoy scenery except when moving slowly, as in walking. Moreover, the most charming scenes are accessible only to walkers. It is proper, therefore, that parks should be planned with special reference to the convenience and enjoyment of foot passengers. So many people desire to drive through parks that roads are necessarily opened, but thronged roads injure parks from the point of view of people on foot and crossings of foot paths at grade are, therefore, made as few as possible, or else the grades are separated, as at Ellicott Arch in Franklin Park, and throughout Central Park, New York. For the use of the comparatively few people who wish to visit parks on horseback, bridle-paths are sometimes constructed, but such paths in parks are even more objectionable than carriage roads, unless grade crossings can be avoided entirely, as in Central Park. It is on this account that only one short stretch of bridle-path has been built in Franklin Park. The bridle-path from the Fens to the Park, along the parkway, involves comparatively few crossings, not otherwise occasioned, it injures comparatively little scenery, and it is justifiable on the ground that without this one soft path from town to country, horseback riding out of the heart of Boston would be practically impossible owing to the extreme hardness of the modern carriage roads.

3. If, as seems obvious, both carriage roads and bridle-paths are objectionable in parks, it is plain that special bicycle paths would be still more so. The bicycle is a silent steed, and one which moves



much more dangerously rapidly than either the driving or the saddle horse. For bicycle paths a separation of grades would be even more necessary than for bridle-paths. A separate path would enable bicycles to traverse the park much more swiftly than is possible while they must keep to the road used by slower vehicles, but these slower carriages are already moving quite as fast as it is possible for their occupants to move and still enjoy the scenery, so that if motion is accelerated, park ground will be put to a use quite inconsistent with its main purpose. In other words, a park is a preserve of scenery, and as such it is no place for the driver's speedway, the rider's race-course or the bicycler's scorching track. Just at present the new Boston and Brookline parkway is thronged on Sundays with carriages and bicycles, and while the fever to be seen on this particular road lasts, some difficulty will doubtless be encountered in regulating the traffic. That the use of the way ought to be better regulated than it is seems plain. Large bodies of boys running with close ranks through the midst of the strollers and the baby carriages of a foot path would not be tolerated. Speeding horses on the park roads would not be allowed. The so-called club-runs of bicyclers at high speed along the parkway ought to be likewise forbidden for similar reasons. If bicyclers are not content to limit themselves to a reasonable speed and to observe the rules of the road, they may properly be asked to ride elsewhere than on the parkway. To deprive the horseback riders of the bridle-path would inflict a death-blow upon riding, but the mileage of roads near Boston fit for bicycling is enormous, and however it may be in other cities, no hardship will be worked either by denying the petitions for separate bicycle paths or by regulating the use of the existing road of the Boston Parkway.

Respectfully submitted,

OLMSTED, OLMSTED & ELIOT.

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#### PARK RULES.

The rules for the use and government of the public parks, pleasure grounds, parkways and boulevards, under the jurisdiction of the Board, have been revised and published in manual form.

Respectfully submitted,

EDWARD C. HODGES,

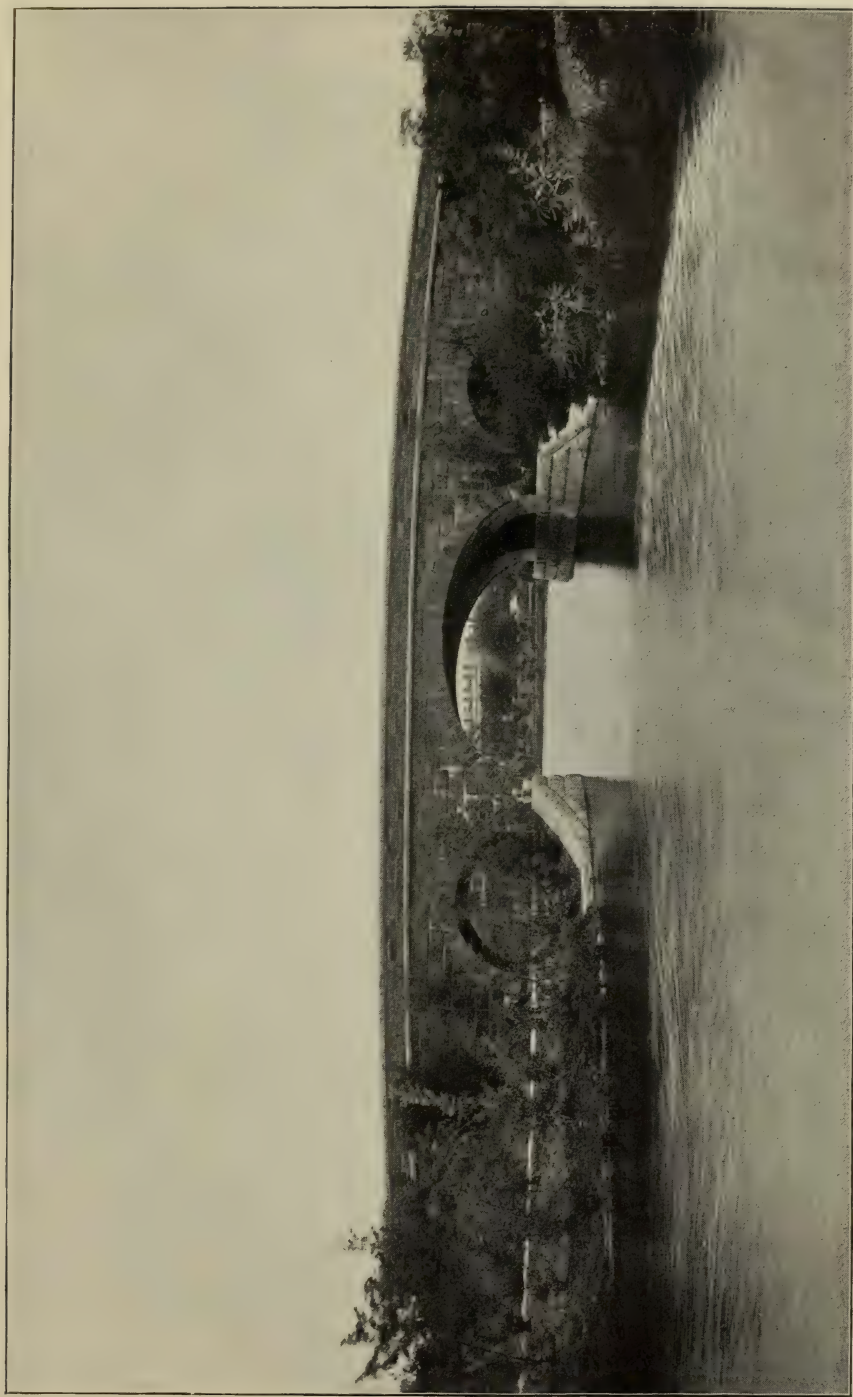
LABAN PRATT,

CHARLES E. STRATTON,

*Commissioners.*

JAN. 31, 1897.





BRIDLE-PATH BRIDGE, RIVERWAY.



## APPENDIX.

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### REPORT OF LANDSCAPE ARCHITECTS.

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MR. E. C. HODGES, *Chairman of the Park Commission, Boston, Mass.:*

DEAR SIR: The following brief notes of our doings in connection with the work of the Boston Park Commission during the year 1896 are respectfully submitted:—

#### GENERAL PLANS.

The last complete design or “general plan” officially adopted by the Park Commission was our design for the small and peculiar pleasure grounds recently named North End Beach and Copp’s Hill Terraces.

A general plan for Dorchester Park has been prepared, but has never been formally adopted, because certain agreements with the city departments controlling adjacent lands, which ought to be joined to the park,—namely, the City Hospital and the Street Department—have not yet been entered into.

A general plan for the recently acquired West Roxbury Parkway, extending from the Arboretum to Bellevue Hill and Stony Brook Reservation, has been ordered by the Commission, and is almost completed. It cannot, however, be satisfactorily finished until certain small additional areas of land are secured at two difficult places. When these two parcels are acquired, there will be no part of the Boston Parks where “boundary roads,” affording frontage for adjacent building lands, cannot be constructed when wanted. It may be noted that the West Roxbury Parkway will presumably be the last large Boston park area for which a comprehensive design will be needed. Hereafter, or at least until the city shall take up in earnest the development of the remarkable opportunity presented by the Charles river, between Boston and Cambridge, for which only preliminary sketches have as yet been prepared, it is to be

presumed that the only general designs required will be those for small local recreation grounds. We have already submitted to the Board preliminary plans for several of these local grounds, but final action upon them has been delayed, owing to the lack of sufficient appropriations. Among these may be mentioned the M-street Playground, Neponset Playground, Washington Village Playground, Fellows-street Playground, Billings Field in West Roxbury, and, largest of all, Franklin Field. Designs for Brighton Playground and for Chelsea-street Playground will be ready shortly.

As has been the case in all recent years, the study of the details of previously submitted and adopted general plans has chiefly busied your landscape architects. (Plans, diagrams and sketches to the number of 113 have been designed by them during the year.)

In 1895 the grading plans for North End Beach, for the yacht club sites on the Strandway, for the neighborhood of the Franklin Park Refectory and carriage-sheds, and the widening of Blue Hill avenue, with a number of similar works, had close attention.

During 1896, detailed construction designs have been prepared for a large part of West Roxbury Parkway; for several drives and walks in the Peters' Hill section of the Arboretum; for a drive and walks in Jamaica Park, between Prince street and the pond; for the peculiar bathing beach outside the Strandway at the foot of L street; for a heavy sea-wall to support the yacht-club sites on the Strandway; for a foot-path entrance to Franklin Park, from Blue Hill avenue at the end of Wales street; for the widening of Canterbury and Morton streets, bounding Franklin Park; for the relocation of Longwood-avenue bridge in Riverway, together with a walk and steps in connection with the bridge, and so on.

Among the most difficult details of park designs are the plans for necessary buildings. The Commission has always employed good architects, but it has been necessary that we should define for the architects the purposes to be served by the buildings, and to indicate how they may best be harmonized with the surrounding park scenery of which they must necessarily form an integral part. For this reason we usually sketch preliminary plans.

In connection with the various parks and playgrounds, we have studied preliminary sketches for the following buildings: a shelter, with toilet, etc., for golf players and picnickers at Abbotswood in Franklin Park; Refectory carriage-sheds in Franklin Park (revised sketch); a large shelter and field house for the men's



athletic grounds and for skaters and ball players, with administration offices and public toilet at Franklin Field; a boat storage shed in Jamaica Park; a boat storage shed in Leverett Park; a boat-landing in Riverway; an administration building with public toilet and storage for boats in the basement (instead of the separate boat-shed) in Back Bay Fens; an administration building, a women's bath-house, a men's bath-house and promenade piers at North End Beach; a field house for men's and women's athletic grounds, with administration offices and public toilet (revised plans) in Charlestown Playground; a waiting-room and shelter for street-car passengers at Charlestown Playground; field house for men's and women's athletic grounds, with administration offices, public shelter and toilet for skaters in M-street Playground.

Working drawings and specifications for the administration building and women's bath-house at North End Beach, based upon our sketches, have been prepared by Architect R. C. Sturgis, during the past year, and the contract awarded. It is impossible to foretell how much this small bathing-beach may be frequented, but it seemed best to use only part of the space available for bathers' dressing-rooms at once. A considerable increase of accommodation can be hereafter obtained on the adjoining pier. The women's bath-house is ingeniously arranged so as to properly control the bathers, and so as to permit their passing to and from the beach without interfering with persons passing to or from the pier and boat-landing. Both piers are also under contract.

The bathing establishment and Refectory at Marine Park was first opened last summer, and was much used; but the bathing beach needs to be fenced off, as originally designed.

The Refectory in Franklin Park was also opened for the first time last summer, and was much visited, especially on warm evenings. For the sake of the health of the vines which are to cover the great pergola, we were obliged to recommend a temporary flooring of plank. A brick pavement will be substituted after the vines are well started. The circular carriage-shed adjacent to this building has been nearly completed.

Among the buildings which are already needed are the field house for athletes, ball players and skaters at Franklin Field; the boat storage shed at Jamaica Pond; the boating and skating shelter at Jamaica Pond; a similar shelter at Leverett Pond; an administration building in Back Bay Fens; a group of administration buildings in Franklin Park, and a large shelter on Castle Island.

Perhaps the most difficult of all the elements of a general plan to get carried out satisfactorily is such modification of existing vegetation, or such addition of new vegetation by planting, as may be required for the realization of the intended scenery. The lines and grades of roads and paths which make parks accessible can be described by drawings with all needed accuracy, but not so the more essentially scenic work in the woods and fields. This work in the Boston parks has been, and indeed must be, intrusted to responsible specialists, corresponding as to knowledge and ability with the engineers who are in charge of the constructive works; and, if satisfactory results are to be secured, it is just as essential for the foresters or gardeners to be loyal to the general plans as it is for the engineers to be. There are certain parts of the parks, especially along the borders of waters and in existing rocky woodlands, where we have designed to have unusually wild and natural effects. For the gardener to plant in such situations exotic trees and showy garden shrubs and perennials, would go far toward defeating the essential elements of our designs. The roads and paths of "country parks" are placed in certain positions so as to command certain landscapes or bits of scenery thus and so, and, conversely, the vegetation, which in this climate makes the scenery, must be controlled, encouraged or modified accordingly. Unless planting, thinning and clearing are thus done sympathetically, the courses of the roads become meaningless, and their cost is wasted.

Yours respectfully,

OLMSTED, OLMSTED & ELIOT,  
*Landscape Architects Advisory.*

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### CITY ENGINEER'S REPORT.

CITY OF BOSTON, ENGINEERING DEPARTMENT,  
50 CITY HALL, Jan. 30, 1897.

MR. EDWARD C. HODGES, *Chairman Board of Park Commissioners* :

DEAR SIR: I herewith submit the following report of the work done, and of the matters of interest in connection with the work placed under my direction, by your Board, the work being continued under the immediate charge of Assistant Engineer E. W. Howe.



RIVERWAY — VIEW FROM LONGWOOD BRIDGE, LOOKING NORTH.





## COMMONWEALTH AVENUE.

Underground conduits for electric wires have been built by the Edison Electric Illuminating Company between Massachusetts avenue and Beacon street, and also on Charlesgate East and Charlesgate West, between Commonwealth avenue and Beacon street.

## THE FENS.

The only work of construction done here during the year was the re-grading and re-surfacing the grounds and walks around the John Boyle O'Reilly monument. The area immediately around the monument has been covered with an artificial stone walk.

Two small temporary boat-landings were built, one nearly opposite Westland entrance and one at Brookline avenue.

## RIVERWAY.

The yard at the Administration Building has been inclosed by a wall on the side towards the park and by a fence on the line of the railroad. The walks in the vicinity of the building have been surfaced and the plantations graded. The building was opened for the use of the public early in the season.

On Audubon road, between the railroad and Beacon street, the Street Department has built sewers on each side of the road, and the gas and water-pipes have been laid. The surfacing of the road is now in progress.

A temporary boat-landing was built near the gate house at Brookline avenue.

## LEVERETT PARK.

Three hundred and forty-four linear feet of 8-inch and 958 linear feet of 18-inch drains have been built from near the junction of Bynner street with the Parkway to Leverett pond. Catch-basins at this junction were built by the owners of the abutting land.

## JAMAICA PARK.

A 6-inch sewer has been built from the Pine Bank Refectory to the sewer in Jamaicaaway, near Perkins street, a distance of 1,050 feet.

On December 14 a contract was made with F. A. Snow for grading the drive, walks and slopes on the westerly side of the park between Perkins street and Jamaicaaway. This work is now in progress.

The water-pipe from the pumping-station is nearly all laid, and the boilers and pumps should be repaired so that the plant can be used.

#### ARBORWAY.

The drive on the traffic road has been surfaced for a distance of 1,350 feet westerly from South street.

On December 1 a contract was made with Thomas F. Broderick for building a wall on the line between the Arborway and the Arboretum. The work is not yet completed.

The bridge over the Parkway, on the line of the New York, New Haven & Hartford Railroad, is nearly finished. This is a masonry structure of five arches, and makes an angle with the railroad of 63 degrees 3 seconds. The width of the bridge at right angles to the railroad is 69 feet. The southerly arch is over Morton street, and the northerly arch is over the traffic road on the northerly side of the Parkway. Each of these arches has a span of 41 feet 2 inches. The central arch has a span of 45 feet 2 inches, and is over the Parkway drive. On each side of the central arch there is an arch of 23 feet 2 inches span, the northerly one being over the bridle-path and the southerly one over the promenade. The foundations rest upon beds of concrete, varying in thickness according to the character of the ground; all other masonry is of granite. The soffits of the arches and the parapets are fine pointed; all other exposed surfaces are quarry faced. The bridge is surmounted by a parapet 6 feet high on each side of the railroad.

The bridge was built by the New York, New Haven & Hartford Railroad Company, after plans made by Messrs. Shepley, Rutan & Coolidge, architects.

The drive between Washington street and Forest Hills street was opened to travel on August 2.

#### ARNOLD ARBORETUM.

A complete crusher plant has been established at the quarry on Bussey street, and the work of crushing stone for road construction and repair is now going on.

On October 5 a contract was made with James Doonan for grading the road on the northerly side of Peters' Hill, between the corner of Bussey and Walter streets and the corner of Bussey and South streets. This work will be completed early in the coming season.

### WEST ROXBURY PARKWAY.

A topographical survey of the portion of the Parkway between the Arboretum and Weld street has been made during the year.

### FRANKLIN PARK.

The new drive at Forest Hills entrance was finished and opened to travel on August 2. At the same time Ellicott street, the last of the old highways in the park, was closed. The walk through this entrance has been finished, and the gravel has been deposited on the ride, but some work remains to be done to complete the latter.

At the Refectory the service drive from Blue Hill avenue to the service yard of the building has been built. A deep excavation for the drive and walls 6 feet high on each side of it were necessary. Steps on the path and walls on each side of the path, leading from Blue Hill avenue to the Refectory, have been built. The wall on the line of the road from Glen lane to the Refectory has been completed; also a wall on the southerly side of Glen lane from the Refectory drive to Blue Hill avenue.

The road to the Refectory and the court in front of the building have been surfaced, and the Pergola Terrace has been covered with a temporary plank floor.

A drain was laid from the building to Blue Hill avenue, but, as at the time the sewer had not been built in that part of the avenue, a temporary drain was built from the end of the drain to the sewer at Wales street. The sewer has since been built in the avenue, and the park drain permanently connected with it. Another drain has been built from the carriage shed to the sewer in Blue Hill avenue. A 6-inch water-pipe was laid from Blue Hill avenue to the Refectory.

The grading of the grounds in this vicinity has been nearly finished. The Refectory was opened on July 4.

### FRANKLIN FIELD.

No construction work has been done during the year except to repair some of the turf which had become winter-killed.

The Street Department has built a sewer on the southerly and easterly sides of the Field between the drainage ditch and the boundary line from Lyons street to Talbot avenue.

### DORCHESTERWAY.

The Street Department has completed the sewers on both sides of the Parkway, between Pond street and Dorchester avenue. The Water Department is now laying its pipes in this same section.



Work was resumed in August on the surfacing of the driveway. The gutters have been paved, the catch-basins built, the Telford foundation laid, and most of it covered with crushed stone on the section between Pond street and Dorchester avenue. A large amount of rock has been excavated between Dorchester avenue and Buttonwood street.

#### THE STRANDWAY.

Plans and specifications were prepared, and on June 4 a contract was made with Jones & Meehan for building the sea wall and grading that portion of the Strandway between O street and Marine Park, for the sum of \$117,000. This work is now being done.

On October 19 a contract was made with Hugh Farrell for filling and grading that portion of the Strandway between I and O streets. This work will require about 160,000 cubic yards of filling which is to be furnished for 47 cents per cubic yard. Work was begun early in November, and is now in progress.

Plans have been prepared for the extension of the storm overflow sewers at I and N streets.

On December 1 a contract was made with James Dolan for removing the surplus loam from the site of the proposed playground on M, First and Second streets, and piling the same on the Strandway for future use there. The work is nearly finished.

#### MARINE PARK.

The new head-house was opened to the public on June 17, and the pier, which had been kept closed since the preceding winter on account of the work on the head-house, was opened on June 19.

As stated in the last annual report some of the columns supporting the iron pier had been broken by the pressure of the filling forming the beach. Measurements taken at frequent intervals having shown that the movement of the columns had practically ceased it was decided to repair them. This was done in the following manner: Two rows of four spruce piles each were driven, one on each side of the column, on lines parallel to the direction of the pier and as near the columns as was practicable. The pile-driver was placed on the floor of the pier. Each row was capped with a 12-inch hard pine timber. Other piles were driven, and the pier was temporarily supported on them by blocking and by clamps around the column. The column then having been cut off at the proper grade, and about  $1\frac{1}{2}$  feet of the part



below the cut broken away it was swung into a vertical position by jack screws. Two courses of 6-inch hard pine timber, laid close, were then placed on the caps and spiked to them, and the column lowered on to a bed of cement on the platform. Three columns were treated in this manner. The grades of the platforms vary according to the grade of the ground, but they are such that the timber can all be covered by the filling, and so no evidence of the injury be seen. The columns are  $4\frac{1}{2}$  feet in diameter, of cast iron,  $1\frac{1}{4}$  inches thick, and filled solid with concrete. The tops of the columns are at grade 20, and they were sunk to a depth of from 60 to 64 feet, the lower 10 feet being in stiff clay, above which there was about 28 feet of mud. The weight to be raised in moving the columns was about 40 tons. Measurements taken since the work was done show no movement.

The old Refectory building has been removed, and the site graded and loamed.

The house occupied by the sergeant in charge of Fort Independence was thoroughly repaired during the spring.

#### PUBLIC PARK, NORTH END.

The work done under the contract with Trumbull & Ryan, dated Nov. 4, 1895, was finished on November 2, at a cost of \$43,-055.26. This work consisted of the grading of the grounds north of Commercial street, the building of catch-basins and drains, the building of a wall on the line of Commercial street, and the building of all sea walls for the approaches to the proposed promenade piers, with the exception of the wall on the westerly dock, which was omitted on account of the insufficiency of the appropriation at the time.

On January 18 of this year, a contract was made with William L. Miller for building the wall on the westerly dock. This work has been begun.

Plans and specifications have been prepared for building the promenade and bath-house piers.

On September 16 a contract was made with Perkins & White for doing all the work, except planting, required to complete the section of this park between Charter and Commercial streets. This work is to be finished on or before June 1 of this year.

#### WOOD ISLAND PARK.

Fourteen electric arc lamps have been set up on the gymnasium ground, and 6 on the large field. Three thousand four hundred

and fifty-seven linear feet of underground conduit, carrying 5,801½ linear feet of cable to these lamps, have been built. The work was done by the Boston Electric Light Company.

A portion of the large field was covered with loam to provide for two baseball diamonds.

Agricultural tile drains have been laid in a portion of the gymnasium ground for the better draining of the same.

#### CHARLESTOWN HEIGHTS.

The only work of construction done here during the year was the building of a retaining wall on the line of St. Martin street, which was done under a contract with McHale & Heisler, dated Sept. 8, 1896. The work was completed late in the season at a cost of \$4,640. Some grading remains to be done back of this wall, and iron railings are required on a part of it, and on the walls on either side of the school building; this will complete the construction of that portion of this park south of Medford street.

#### CHARLESTOWN PLAYGROUND.

The work of filling has gone on as heretofore at no expense to the department, except for the levelling of the material. About 9 acres out of a total of 14 acres have been filled nearly to grade.

#### CHARLESBANK.

The face of the sea wall was repointed early in the spring, and the usual repairs made in the gymnasium.

#### PLAYGROUNDS.

Surveys have been made of land for Playgrounds on Neponset avenue, Dorchester; on Bellevue and La Grange streets, West Roxbury, and of the city's lot on First, M and Second streets, South Boston.

The appended table shows the principal items of work completed to date.

Respectfully submitted,

WILLIAM JACKSON,  
*City Engineer.*

## Principal items of work completed on the several Parks to January 31, 1897.

	MAIN PARK SYSTEM.							MARINE PARK SYSTEM.			Charlesbank.	Wood Island Park.	Charlestown Heights.	Franklin Field.	Public Park, North End.	Totals.
	Fens.	Riverway.	Leverett Park.	Jamaica Park.	Arborway.	Arnold Arboretum.	Franklin Park.	Dorchester-way.	Marine Park.	Castle Island.						
Driveways completed.....	87,600 sq. yds. 4 miles.	26,667 sq. yds. 1.3 miles.	23,760 sq. yds. 1.2 miles.	13,244 sq. yds. 0.7 mile.	28,670 sq. yds. 1.6 miles.	30,388 sq. yds. 2.1 miles.	120,894 sq. yds. 8.0 miles.	4,620 sq. yds. 0.2 mile.	17,685 sq. yds. 0.5 mile.	.....	.....	.....	.....	.....	.....	353,528 sq. yds. 19.6 miles.
Walks completed.....	30,600 sq. yds. 3.4 miles.	13,089 sq. yds. 1.5 miles.	17,627 sq. yds. 2.4 miles.	9,734 sq. yds. 1 mile.	1,166 sq. yds. 0.1 mile.	16,138 sq. yds. 4.2 miles.	74,256 sq. yds. 10.75 miles.	1,883 sq. yds. 0.3 mile.	2,694 sq. yds. 0.3 mile.	.....	14,432 sq. yds. 1.5 miles.	4,041 sq. yds. 0.4 mile.	.....	.....	.....	185,660 sq. yds. 25.85 miles.
Ride completed.....	14,000 sq. yds. 1.1 miles.	17,500 sq. yds. 1.2 miles.	12,000 sq. yds. 0.9 mile.	9,861 sq. yds. 0.7 mile.	17,920 sq. yds. 1.2 miles.	.....	14,800 sq. yds. 1.05 miles.	.....	.....	.....	.....	.....	.....	.....	.....	86,081 sq. yds. 6.15 miles.
Gutters paved.....	19,900 sq. yds.	6,587 sq. yds.	5,335 sq. yds.	3,485 sq. yds.	8,126 sq. yds.	8,069 sq. yds.	25,039 sq. yds.	1,449 sq. yds.	2,321 sq. yds.	.....	.....	.....	.....	.....	.....	80,311 sq. yds.
Curbstones set.....	32,931 lin. ft.	1,540 lin. ft.	2,028 lin. ft.	2,265 lin. ft.	.....	.....	9,955 lin. ft.	1,072 lin. ft.	1,297 lin. ft.	.....	.....	123 lin. ft.	.....	.....	.....	51,211 lin. ft.
Water-pipe, 12 in.....	10,026 lin. ft.	1,710 lin. ft.	.....	.....	.....	.....	200 lin. ft.	100 lin. ft.	.....	.....	.....	1,332 lin. ft.	.....	.....	.....	13,368 lin. ft.
“ 10 in.....	.....	.....	.....	523 lin. ft.	4,686 lin. ft.	.....	3,380 lin. ft.	.....	844 lin. ft.	.....	.....	.....	.....	.....	.....	9,433 lin. ft.
“ 8 in.....	252 lin. ft.	.....	1,020 lin. ft.	3,197 lin. ft.	1,550 lin. ft.	.....	.....	.....	17 lin. ft.	.....	.....	1,179 lin. ft.	.....	.....	.....	7,215 lin. ft.
“ 6 in.....	137 lin. ft.	366 lin. ft.	1,000 lin. ft.	.....	.....	.....	4,605 lin. ft.	.....	27 lin. ft.	.....	234 lin. ft.	118 lin. ft.	.....	.....	.....	6,487 lin. ft.
“ 4 in.....	.....	.....	.....	.....	.....	.....	1,602 lin. ft.	.....	.....	.....	.....	373 lin. ft.	.....	.....	.....	1,975 lin. ft.
Reservoir.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Hydrants.....	44	.....	2	.....	2	3	13	.....	2	.....	2	7	1	.....	.....	76
Drinking-fountains.....	.....	.....	.....	.....	.....	.....	9	.....	1	2	5	2	1	.....	.....	20
Watering-trough for horses.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Brick drains, 4 ft. 6 in.....	.....	.....	.....	.....	1,316 lin. ft.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,316 lin. ft.
“ 2 ft. 9 in.....	.....	.....	.....	.....	.....	.....	706 lin. ft.	.....	.....	.....	.....	.....	.....	.....	.....	706 lin. ft.
“ 2 ft. X 2 ft. 6 in.....	.....	.....	.....	.....	.....	.....	180 lin. ft.	.....	.....	.....	.....	.....	.....	.....	.....	180 lin. ft.
“ 2 ft. 0 in.....	.....	.....	.....	.....	.....	.....	859 lin. ft.	.....	.....	.....	.....	.....	1,300 lin. ft.	.....	.....	2,159 lin. ft.
Pipe drains, 18 in.....	.....	.....	1,270 lin. ft.	.....	243 lin. ft.	465 lin. ft.	3,540 lin. ft.	.....	.....	.....	.....	561 lin. ft.	.....	.....	.....	6,079 lin. ft.
“ 15 in.....	778 lin. ft.	.....	.....	752 lin. ft.	.....	298 lin. ft.	2,895 lin. ft.	.....	.....	.....	.....	196 lin. ft.	977 lin. ft.	.....	.....	5,896 lin. ft.
“ 12 in.....	452 lin. ft.	.....	.....	350 lin. ft.	183 lin. ft.	612 lin. ft.	2,023 lin. ft.	.....	.....	.....	.....	139 lin. ft.	976 lin. ft.	.....	.....	4,735 lin. ft.
“ 10 in.....	829 lin. ft.	.....	294 lin. ft.	524 lin. ft.	2,263 lin. ft.	402 lin. ft.	2,785 lin. ft.	.....	.....	.....	.....	606 lin. ft.	253 lin. ft.	1,501 lin. ft.	100 lin. ft.	9,557 lin. ft.
“ 8 in.....	6,832 lin. ft.	4,210 lin. ft.	4,685 lin. ft.	418 lin. ft.	1,592 lin. ft.	2,641 lin. ft.	10,301 lin. ft.	819 lin. ft.	1,373 lin. ft.	.....	1,739 lin. ft.	2,581 lin. ft.	825 lin. ft.	245 lin. ft.	698 lin. ft.	38,959 lin. ft.
“ 6 in.....	263 lin. ft.	332 lin. ft.	186 lin. ft.	1,070 lin. ft.	1,320 lin. ft.	.....	2,640 lin. ft.	.....	.....	95 lin. ft.	.....	.....	182 lin. ft.	.....	.....	6,088 lin. ft.
“ 4 in.....	.....	.....	.....	.....	.....	.....	190 lin. ft.	.....	.....	.....	.....	.....	.....	.....	.....	190 lin. ft.
Agricultural tile drains, 4 in.....	.....	.....	240 lin. ft.	.....	.....	.....	2,570 lin. ft.	.....	.....	.....	.....	.....	185 lin. ft.	.....	.....	2,995 lin. ft.
“ “ 3 in.....	.....	.....	.....	.....	.....	3,065 lin. ft.	3,520 lin. ft.	.....	.....	.....	.....	.....	328 lin. ft.	.....	.....	6,913 lin. ft.
“ “ 2 in.....	.....	.....	.....	.....	.....	2,353 lin. ft.	26,783 lin. ft.	.....	.....	.....	.....	3,287 lin. ft.	6,969 lin. ft.	.....	.....	39,392 lin. ft.
“ “ 1½ in.....	.....	.....	.....	.....	3,425 lin. ft.	3,410 lin. ft.	27,470 lin. ft.	.....	.....	.....	.....	1,859 lin. ft.	.....	44,028 lin. ft.	.....	80,192 lin. ft.
Total drains.....	9,154 lin. ft.	4,542 lin. ft.	6,675 lin. ft.	3,114 lin. ft.	10,342 lin. ft.	13,246 lin. ft.	86,462 lin. ft.	819 lin. ft.	1,373 lin. ft.	95 lin. ft.	1,739 lin. ft.	9,229 lin. ft.	1,588 lin. ft.	56,181 lin. ft.	798 lin. ft.	205,357 lin. ft.
Flush-tank.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
Manholes.....	10	2	4	11	10	2	78	1	.....	.....	17	10	3	7	1	156
Catch-basins and inlets.....	107	63	43	18	45	64	187	8	11	.....	19	14	14	10	8	611
Open channel for brook.....	.....	.....	.....	.....	.....	1,175 lin. ft.	2,300 lin. ft.	.....	.....	.....	.....	.....	3,530 lin. ft.	.....	.....	7,005 lin. ft.
Electric-light cable.....	18,893 lin. ft.	7,433 lin. ft.	14,500 lin. ft.	4,330 lin. ft.	8,152 lin. ft.	.....	13,865 lin. ft.	.....	2,688 lin. ft.	.....	.....	5,801 lin. ft.	.....	.....	.....	75,657 lin. ft.
Electric lights.....	51	20	53	12	22	.....	35	.....	10	33	13	20	4	.....	.....	273
Gateways.....	.....	.....	.....	.....	.....	4	4	.....	.....	.....	.....	.....	.....	.....	.....	8
Bridges and culverts *.....	8	6	12	.....	2	4	5	.....	1 iron pier	1	.....	1	.....	.....	.....	40
Boundary wall.....	.....	.....	.....	.....	.....	2,113 lin. ft.	4,436 lin. ft.	.....	.....	.....	2,228 lin. ft.	.....	736 lin. ft.	.....	317 lin. ft.	9,830 lin. ft.
Buildings.....	1	3	1	1	.....	.....	7	.....	1	.....	2	2	1	.....	.....	19
Flagg-staffs.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	1	.....	1	.....	.....	5
Area of ground finished.....	109 acres.	36 acres.	43 acres.	13.2 acres.	10.6 acres.	155 acres.	344 acres.	1.5 acres.	15.5 acres.	.....	10 acres.	5.5 acres.	3.4 acres.	42 acres.	1.4 acres.	790.1 acres.
Flumes.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2
Retaining-wall.....	688 lin. ft.	676 lin. ft.	2,343 lin. ft.	1,525 lin. ft.	.....	.....	3,690 lin. ft.	.....	.....	.....	.....	.....	.....	.....	752 lin. ft.	9,674 lin. ft.
Slope-wall.....	.....	.....	.....	1,171 sq. yds.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,171 sq. yds.
Gate-chambers.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....	6
Cinder track.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,821 sq. yds. 0.2 mile.	3,081 sq. yds. 0.25 mile.	.....	.....	.....	5,902 sq. yds. 0.45 mile.
Fence.....	8,750 lin. ft.	99 lin. ft.	261 lin. ft.	694 lin. ft.	.....	.....	.....	.....	.....	.....	3,412 lin. ft.	1,345 lin. ft.	.....	767 lin. ft.	.....	15,328 lin. ft.
Tennis courts.....	.....	.....	.....	.....	.....	.....	40	.....	.....	.....	.....	1	.....	4	.....	45

\* Eight of these bridges are partly in Brookline.





STATUTES OF THE COMMONWEALTH RELATING TO  
PUBLIC PARKS IN OR NEAR THE  
CITY OF BOSTON.

[Stat. 1896. — Chap. 199.]

AN ACT RELATIVE TO PARKS.

SECTION 1. Whoever violates any rule or regulation for the government or use of any public reservation, parkway or boulevard, made under authority of law by any board or officer in charge thereof, shall for each offence be punished by a fine not exceeding twenty dollars, on complaint before any court of competent jurisdiction.

SECT. 2. All acts and parts of acts inconsistent herewith are hereby repealed.

*(Approved March 25, 1896.)*

[Stat. 1896. — Chap. 284.]

AN ACT RELATIVE TO EXCAVATIONS, FILLINGS AND CONSTRUCTIONS  
IN TIDE WATERS FOR THE PURPOSES OF THE PUBLIC PARKS OF  
CITY OF BOSTON.

SECTION 1. All excavations, fillings and structures in the tide waters of the Commonwealth, to be made by the city of Boston for the purposes of its public parks, and heretofore approved by the board of harbor and land commissioners, may be continued and carried out to the extent of such approval, whether the time within which they should have been completed has or has not expired.

SECT. 2. This act shall take effect upon its passage.

*(Approved April 14, 1896.)*

[Stat. 1896. — Chap. 313.]

AN ACT RELATIVE TO THE BUILDING LINE AND HEIGHT OF BUILDINGS ON PARKWAYS, BOULEVARDS AND PARKS.

SECTION 1. The board of park commissioners of a city or town may, in the manner and in accordance with and subject to the provisions of chapter four hundred and sixty-two of the acts of the year eighteen hundred and ninety-three, establish a building line, at no point more than twenty-five feet distant from any

exterior line of a parkway, boulevard or public way on which a park borders; and the extreme height to which buildings may be erected upon such parkway, boulevard or public way shall be seventy feet, or such other height as the city council of a city or the inhabitants of a town may from time to time determine.

SECT. 2. Any person sustaining damage by reason of the establishment of any building line under the provisions of the preceding section shall have the same remedies for obtaining payment therefor as may at the time of the filing of a petition for such damages be prescribed by law for obtaining payment for damages sustained by any person whose land is taken in the laying out of a highway in such city or town.

SECT. 3. This act shall take effect in any city when accepted by the city council thereof, and in any town when accepted by a majority of the legal voters thereof present and voting thereon at a town meeting called for the purpose.

*(Approved April 27, 1896.)*

[Stat. 1896. — Chap. 411.]

AN ACT TO AUTHORIZE THE SALE OF CERTAIN LANDS TAKEN FOR  
PUBLIC PARK PURPOSES IN THE CITY OF BOSTON.

SECTION 1. The board of park commissioners of the city of Boston is hereby authorized, with the approval of the mayor of said city, to sell the parcels of land situated on the northeasterly side of Seaver street, adjoining Franklin Park, in that part of said city known as Roxbury, and to apply the proceeds of the sales to the payment for other lands taken by said city for park purposes.

SECT. 2. This act shall take effect upon its passage.

*(Approved May 16, 1896.)*

[Stat. 1896. — Chap. 453.]

AN ACT TO AUTHORIZE THE CITY OF BOSTON TO CONTINUE THE  
CONSTRUCTION OF ITS PUBLIC PARKS.

SECTION 1. The city of Boston shall continue the construction of the public parks of said city, and to pay the expenses incurred therefor, including payments for lands, the city treasurer shall from time to time as specified in requests by the board of park commissioners of said city, approved by the mayor, issue notes, bonds or scrip of said city, and the total amount so issued shall not exceed one million dollars; *provided, however,* that out of the proceeds of the notes, bonds or scrip hereby

authorized to be issued the sum of two hundred thousand dollars shall be applied towards the completion of the Strandway, so-called, in South Boston, and one hundred thousand dollars for the completion of the North End Park. Said notes, bonds or scrip shall be made payable in thirty years from their date, and bear interest payable semi-annually at such rate, not exceeding four per cent. per annum, and at such times as shall be fixed by said treasurer, and the indebtedness incurred under this act shall not be taken into consideration in determining the debt limit of said city.

SECT. 2. This act shall take effect upon its passage.

(*Approved June 2, 1896.*)

[Stat. 1896. — Chap. 465.]

AN ACT TO BETTER DEFINE THE AUTHORITY OF THE METROPOLITAN PARK COMMISSION.

SECTION 1. Whenever, by reason of a taking by the Commonwealth through its metropolitan park commission, duly concurred in according to law, an existing public street is so affected that the public rights therein might otherwise be abridged, either by being wholly or in part included within the taking, any and all exceptions and reservations made in said taking in favor of any municipality within which said street or any part thereof may lie, and of the public, and of any corporations and individuals (said taking being accompanied by a plan showing the land included therein and the street so affected) shall be valid, effectual and binding; and in order to insure to the parties from time to time concerned the full and perfect enjoyment of the uses thereby reserved said board is hereby authorized and empowered from time to time to make grants or conveyances of easements, to enter into agreements, to issue licenses, and generally to conclude arrangements to that end, all in its discretion; but no such grant, agreement, license or arrangement shall be taken or held to abrogate or abridge the control of said board over the land included in said taking except as in said exceptions and reservations provided, or the right of said board from time to time in its discretion to make rules and regulations for the government and use of any roadway, boulevard or crossway, which may at any time hereafter be laid out and maintained over said land or over any portion thereof, not inconsistent with such exceptions and reservations.



SECT. 2. Said commission is hereby authorized and empowered to transfer for care and control, including police protection, any lands or rights or easements or interest in land, although the same be a roadway or boulevard owned or controlled by it, to any city, town or county, or local board of a city or town within the metropolitan parks district, with the consent of such city, town, county or board, and upon such terms and for such period as may be mutually agreed upon, and to enter into an agreement with any such city, town or county or board for the joint care and control or police protection of said land or boulevard, and also for laying out, constructing and maintaining streets or ways into or across any such land or boulevard; and any city, town or county, or any local board within the metropolitan parks district, is hereby authorized and empowered to transfer for care and control, including police protection, any land, rights, easements or interest in land in its control, although the same be already a part of a public street owned or controlled by it, to the metropolitan park commission for such period and upon such terms as may be mutually agreed upon, and to enter into an agreement with said commission for the joint care and control, including police protection, of said land or street.

SECT. 3. Said commission is hereby authorized to join with any city, town or county in the laying out, improvement, relocation, widening, repairing, maintaining and caring for any public street, way, bridge or stream which lies along or connects any lands, roadways or boulevards, or any sewer, water pipe or other conduit in such public street, way or bridge, or in or across any park, road or boulevard, or park reservation or open space owned or controlled by it, and in the expense of such work, and for such purposes or any of them to make contribution to such city, town or county by a grant of land or rights in land, although the same be already a roadway or boulevard, or by payment of money for its portion of such expense.

SECT. 4. This act shall take effect upon its passage.  
(*Approved June 4, 1896.*)

[Stat. 1896. — Chap. 466.]

AN ACT INCREASING THE AMOUNT OF MONEY TO BE PLACED AT THE DISPOSAL OF THE METROPOLITAN PARK COMMISSION FOR GENERAL PURPOSES.

SECTION 1. The metropolitan park commission, created by chapter four hundred and seven of the acts of the year eighteen



hundred and ninety-three, for the purpose of carrying out the provisions of said act and of all acts in amendment thereof or in addition thereto, including chapters four hundred and eighty-three and five hundred and nine of the acts of the year eighteen hundred and ninety-four, and chapter four hundred and fifty of the acts of the year eighteen hundred and ninety-five, may expend the further sum of one million dollars in addition to all sums heretofore authorized to be expended by it; and to meet expenditures incurred under authority of this act the treasurer and receiver general shall issue a corresponding amount of scrip or certificates of indebtedness as an addition to the metropolitan parks loan, and shall add to the existing sinking fund heretofore authorized to provide for the payment of the same; said scrip or certificates of indebtedness shall be issued and additions to said sinking fund so established shall be assessed and collected in accordance with the provisions of sections nine, ten, eleven and twelve of said chapter four hundred and seven of the acts of the year eighteen hundred and ninety-three and the provisions of chapter two hundred and eighty-three of the acts of the year eighteen hundred and ninety-five.

SECT. 2. This act shall take effect upon its passage.

(*Approved June 4, 1896.*)

[Stat. 1896. — Chap. 472.]

AN ACT INCREASING THE AMOUNT OF MONEY PLACED AT THE DISPOSAL OF THE METROPOLITAN PARK COMMISSION FOR THE CONSTRUCTION OF ROADWAYS AND BOULEVARDS.

SECTION 1. The metropolitan park commission, created by chapter four hundred and seven of the acts of the year eighteen hundred and ninety-three, may, for the purposes of constructing roadways and boulevards under the authority of chapter two hundred and eighty-eight of the acts of the year eighteen hundred and ninety-four and of any acts in amendment thereof or in addition thereto, expend the further sum of five hundred thousand dollars in addition to all sums hitherto authorized to be expended by it, for the purposes of constructing such roadways and boulevards; and to meet any expenditure under the authority of this act the treasurer and receiver general shall issue a corresponding amount of scrip or certificates of indebtedness or bonds as an addition to the Metropolitan Parks Loan, Series Two. The sinking fund already established by law shall also be maintained for the purpose of extinguishing scrip, certificates or bonds issued under

the authority of this act. Any premium realized on the sale of said scrip or certificates or bonds shall be applied to the payment of the interest on the loan hereby authorized, as it accrues. Said scrip or certificates of indebtedness or bonds shall be issued and said sinking fund assessed and collected in accordance with the provisions of said chapter two hundred and eighty-eight of the acts of the year eighteen hundred and ninety-four.

SECT. 2. This act shall take effect upon its passage.

*(Approved June 4, 1896.)*

[Stat. 1896. — Chap. 550.]

AN ACT RELATIVE TO THE METROPOLITAN PARKS AND BOULEVARDS.

SECTION 1. The metropolitan park commission shall, prior to the first day of January in the year nineteen hundred, take all the lands which it is authorized to take, and shall lay out and construct all the parks, reservations, boulevards and other works which it is authorized to lay out and to construct, and the treasurer of the Commonwealth shall pay from the proceeds of the loans authorized for the purpose of meeting the expense of taking said lands, of laying out said parks and reservations and of constructing said boulevards and other works, or from the proceeds of any of said loans, all moneys required prior to and including the first day of January in the year eighteen hundred and ninety-six to and including said first day of January in the year nineteen hundred, to meet the interest and sinking fund requirements for said loans as estimated by said treasurer and to meet the cost of maintenance and operation of said parks, reservations, boulevards and other works as annually authorized by the legislature, and to meet such amount as has heretofore been paid from the treasury of the Commonwealth for such cost.

SECT. 2. The supreme judicial court sitting in equity shall in the year nineteen hundred, and in every fifth year thereafter, on the application of said commissioners or of the attorney of either of the cities or towns in the metropolitan parks district, and after notice to each of said cities and towns, appoint three commissioners, neither of whom shall be a resident of either of said cities and towns, who shall, after such notice and hearing as they shall deem sufficient and in such manner as they shall deem just and equitable, determine the proportions in which each of said cities and towns shall pay money into the treasury of the Commonwealth each year for the term of five years, beginning with the first day of January in each year in which such commissioners

are required to be appointed, to meet said interest, sinking fund requirements, and cost, for such year, and any deficiency in the amount previously paid in as found by said treasurer, and shall return their award into said court; *provided, however*, that the commissioners shall fix and return the proportion to be paid by the city of Boston for each year of the first of said terms at fifty per cent. Every such award when accepted by the court shall be a final and conclusive adjudication for the term, of all matters referred to the commissioners, and shall be binding upon all parties.

SECT. 3. The treasurer of the Commonwealth shall in the year nineteen hundred, and in each year thereafter, estimate, in accordance with the proportions determined as aforesaid, the several amounts required during the year beginning with the first day of January, from the cities and towns aforesaid, to meet said interest, sinking fund requirements, and cost, for such year, and deficiency, if any, and shall include the amount required from a city or town, in, and make it a part of, the sum to be paid by such city or town as its annual state tax, and the same shall be paid by the city or town into the treasury of the Commonwealth at the time required for the payment, and as a part, of its state tax; *provided, however*, that the moneys to be paid into the treasury of the Commonwealth each year, and the amount to be paid by the Commonwealth and made a part of the annual state tax levy, shall be as specified in section ten of chapter four hundred and seven of the acts of the year eighteen hundred and ninety-three, and in section eight of chapter two hundred and eighty-eight of the acts of the year eighteen hundred and ninety-four.

SECT. 4. Sections ten, eleven and twelve of chapter four hundred and seven of the acts of the year eighteen hundred and ninety-three, sections eight, nine and ten of chapter two hundred and eighty-eight of the acts of the year eighteen hundred and ninety-four, all acts in amendment of or in addition to said sections or either of them, and all other acts or parts of acts inconsistent with this act, are hereby repealed, and the treasurer of the Commonwealth shall not hereafter require the payment of, and no city or town shall hereafter pay, any money into the treasury of the Commonwealth under any determination or finding of any commission appointed under the provisions of said sections, or any of them.

SECT. 5. This act shall take effect upon its passage.

(Approved June 9, 1896.)



STATUTES OF THE COMMONWEALTH RELATING TO  
PUBLIC PARKS IN OR NEAR THE  
CITY OF BOSTON.

YEAR. CHAPTER.

1866. 247. — An Act to authorize the Erection of a Sea wall, and the filling of certain flats in Charles river, to abate a nuisance.
- \*1870. 283. — An Act for the Laying out of one or more Public Parks in or near the City of Boston.
- †1875. 185. — An Act for the Laying out of Public Parks in or near the City of Boston.
1880. 144. — An Act to authorize the connection of the Arnold Arboretum with the System of Parks of the City of Boston.
1881. 92. — An Act in addition to an Act for the Laying out of Public Parks in or near the City of Boston. [Charles-river Embankment.]
1881. 197. — An Act to authorize the Construction of the Charles-river promenade.
1882. 168. — An Act to authorize the City of Boston to Issue a Public Park Loan.
1884. 226. — An Act in relation to betterments for Locating, Laying out, and Constructing Streets, Ways, and Public Parks.
1884. 237. — An Act in relation to assessments for Public Improvements.
1885. 299. — An Act requiring notice of assessments of betterments to be given to the party to be charged thereby.
1885. 360. — An Act in further addition to an Act for the Laying out of Public Parks in or near the City of Boston. [Marine Park.]
1886. 65. — An Act extending the time for the completion of the Public Park in the City of Boston known as the Charles-river Embankment.

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\*This Act was to take effect when accepted by two-thirds of the legal voters voting thereon at the State election. The vote in favor was 9,233; against, 5,916. The Act consequently was rejected.

†This Act was accepted by a majority of the legal voters voting thereon, June 9 1875. Yeas, 3,706; Nays, 2,311.



## YEAR. CHAPTER.

1886. 134. — An Act to change a portion of the line of the Sea wall of the Public Park in the City of Boston, known as the Charles-river Embankment.
1886. 304. — An Act to authorize a Loan for the construction of Public Parks in or near the City of Boston.
1887. 312. — An Act to authorize a Loan for the payment for lands heretofore acquired for Public Parks in or near the City of Boston.
1887. 427. — An Act to enlarge the area for the proposed Marine Park of the City of Boston between South Boston and Castle Island.
1888. 376. — An Act to authorize the City of Boston to refund a portion of the money paid as betterments for the Marine Park in said City.
1888. 392. — An Act to enable the City of Boston, for the purpose of obtaining lands for its Public Parks, to incur indebtedness outside of the limit fixed by law.
1889. 129. — An Act relating to buildings in the Public Parks of the City of Boston.
1889. 438. — An Act to authorize the enlargement of the proposed Marine Park in the City of Boston.
1890. 271. — An Act to authorize the City of Boston to incur indebtedness outside of its debt limit, to procure and construct one or more Public Parks in the Charlestown District of the City of Boston.
1890. 339. — An Act changing the boundary between the City of Boston and the Town of Brookline.
1890. 444. — An Act to amend an Act authorizing the City of Boston to incur indebtedness outside of its debt limit to procure and construct one or more Public Parks in the Charlestown District of the City of Boston.
1891. 301. — An Act to authorize the City of Boston to incur a debt for Park purposes beyond the limit fixed by law.
1891. 344. — An Act to authorize the City of Boston to construct a Sea wall and extend the Charles-river Embankment.
1891. 390. — An Act to provide for the appointment of the Charles river Improvement Commission.

## YEAR. CHAPTER.

1892. 371. — An Act to authorize the City of Boston to take Jamaica Pond and Ward's Pond for a Public Park.
1893. 126. — An Act in relation to raising the grade and changing the location of the Providence Division of the Old Colony Railroad in the City of Boston.
1893. 211. — An Act in relation to the issue of bonds and certificates for Park purposes by the City of Boston.
1893. 225. — An Act to authorize cities and towns to establish and maintain Public Playgrounds.
1893. 258. — An Act to authorize the City of Boston to refund or abate a portion of its betterments assessed for the extension of the Marine Park.
1893. 282. — An Act to provide for a Public Park in Wards 6 and 7 of the City of Boston.
1893. 300. — An Act relative to the Laying out of Public Parks by towns and cities. [Boulevard Act.]
1893. 331. — An Act relative to leasing open spaces for Gardens and Playgrounds by cities and towns.
1893. 407. — An Act to establish a Metropolitan Park Commission.
1893. 416. — An Act relating to an Act relative to the Laying out of Public Parks by towns and cities. [Amending Stat. 1893, Chap. 300.]
1893. 435. — An Act in relation to the construction of a Sea wall and the extension of the Charles-river Embankment by the City of Boston.
1893. 475. — An Act to provide for the improvement of Charles river.
1894. 288. — An Act to authorize the Metropolitan Park Commission to construct Roadways and Boulevards.
1894. 396. — An Act to authorize the City of Boston to incur indebtedness beyond the limit fixed by law, for Park purposes.
1894. 483. — An Act to authorize the Commonwealth to acquire the location in part of the Boston, Revere Beach & Lynn Railroad, and to authorize a relocation in part of said railroad.

## YEAR. CHAPTER.

1894. 509. — An Act to authorize the Metropolitan Park Commission to expend a sum of money, in addition to the amounts heretofore authorized, for open spaces along or near the Charles river.
1895. 45. — An Act to authorize the Extension of the Arnold Arboretum.
1895. 185. — An Act to authorize the City of Boston to abate a Portion of the Betterments made on account of the Laying out of Jamaica Park and Arborway.
1895. 272. — An Act changing the Limits within which Land may be taken by the Metropolitan Park Commission within the City of Medford.
1895. 305. — An Act relative to the taking by the Metropolitan Park Commission of Revere Beach, so-called, in the town of Revere.
1895. 450. — An Act relative to the Metropolitan Park Commission.
1896. 199. — An Act relative to violations of regulations of Public Parks.
1896. 284. — An Act relative to excavations, fillings and constructions in tide waters for the purposes of the Public Parks of the City of Boston.
1896. 313. — An Act relative to the Building line and height of buildings on Parkways, Boulevards and Parks.
1896. 411. — An Act to authorize the sale of certain lands taken for Public Park purposes in the City of Boston.
1896. 453. — An Act to authorize the City of Boston to continue the construction of its Public Parks.
1896. 465. — An Act to better define the authority of the Metropolitan Park Commission.
1896. 466. — An Act increasing the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1896. 472. — An Act increasing the amount of money placed at the disposal of the Metropolitan Park Commission for the construction of Roadways and Boulevards.
1896. 550. — An Act relative to the Metropolitan Parks and Boulevards.

MEMBERS OF THE BOARD OF PARK COMMISSIONERS  
OF THE CITY OF BOSTON FROM ITS ORGANIZA-  
TION, WITH THEIR TERMS OF SERVICE.

- T. JEFFERSON COOLIDGE. — Appointed July 8, 1875, for the term ending April 30, 1879. Resigned Dec. 11, 1876.
- CHARLES H. DALTON. — Appointed July 8, 1875, for the term ending April 30, 1877. Reappointed in 1877, 1880, and 1883. Resigned May 11, 1885.
- WILLIAM GRAY, JR. — Appointed July 8, 1875, for the term ending April 30, 1878. Reappointed in 1878 and 1881, and served until the expiration of his term, April 30, 1884.
- CHARLES S. STORROW. — Appointed Dec. 11, 1876, in place of T. Jefferson Coolidge, resigned. Reappointed in 1879, for the term ending April 30, 1882. Resigned May 19, 1879.
- HENRY LEE. — Appointed May 19, 1879, in place of Charles S. Storrow, resigned. Reappointed in 1882, and served until the expiration of his term, April 30, 1885.
- BENJAMIN DEAN. — Appointed Feb. 24, 1885, to succeed William Gray, Jr., for the term ending April 30, 1887. Reappointed in 1887, and served until June 2, 1890.
- PATRICK MAGUIRE. — Appointed Feb. 24, 1885, to succeed Henry Lee, for the term ending April 30, 1888, and served until Feb. 20, 1889.
- JOHN F. ANDREW. — Appointed May 11, 1885, in place of Charles H. Dalton, resigned. Reappointed in 1886, and served until May 13, 1889. Appointed July 16, 1894, to succeed Paul H. Kendrick, and served until May 30, 1895.
- ISAAC FENNO. — Appointed Feb. 1, 1889, to succeed Patrick Maguire, and served until the expiration of his term, April 30, 1891.
- THOMAS L. LIVERMORE. — Appointed May 6, 1889, to succeed John F. Andrew, for the term ending April 30, 1892, and served until April 30, 1893.
- FRANCIS A. WALKER. — Appointed May 19, 1890, to succeed Benjamin Dean, for the term ending April 30, 1893. Reappointed for the term ending April 30, 1896.



PAUL H. KENDRICKEN. — Appointed March 30, 1891, to succeed Isaac Fenno, for the term ending April 30, 1894, and served until July 30, 1894.

CHARLES F. SPRAGUE. — Appointed April 17, 1893, to succeed Thomas L. Livermore, for the term ending April 30, 1895. Resigned Jan. 14, 1895.

EDWARD C. HODGES. — Appointed Jan. 14, 1895, in place of Charles F. Sprague, resigned; also for the term ending April 30, 1898.

LABAN PRATT. — Appointed June 10, 1895, for the term ending April 30, 1897, to fill the vacancy caused by the death of John F. Andrew.

CHARLES E. STRATTON. — Appointed April 27, 1896, to succeed Francis A. Walker, for the term ending April 30, 1899.



City of Boston.

DEPARTMENT OF PARKS.

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TWENTY-THIRD ANNUAL REPORT

OF THE

BOARD OF COMMISSIONERS

FOR THE

YEAR ENDING JANUARY 31, 1898.



PRINTED FOR THE DEPARTMENT.

1898.





# DEPARTMENT OF PARKS.

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## COMMISSIONERS' REPORT.

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HON. JOSIAH QUINCY,

*Mayor of the City of Boston :*

SIR: The Board has the honor herewith to submit to you its report for the financial year 1897-98.

The comprehensive report of our Superintendent, herewith presented, leaves little to be said by the Commissioners.

The work of the present Board is to complete such parts of the parks as have been left unfinished, and to put the whole system into such condition as will call for the least annual expense for maintenance. To accomplish this, we propose to avoid as far as possible the erection of buildings not absolutely needed for the convenience of the public, and, when buildings, bridges and other constructions are required, to build them in such a manner that the cost of repairs will be reduced to the minimum. For a similar reason we deem it advisable to dispense with roads and paths which are not really necessary, and, in some cases, where new roads and paths are built, to restrict their width to present needs.

The large amount of road-building carried on in the parks during the past fifteen years, in order to open them to public use, has much delayed the planting of trees and the improvement of the natural woods. We have, therefore, devoted special attention to this branch of park construction ; 30,000 trees and 100,000 shrubs have been purchased ; new nurseries have been laid out and filled, and preparations have been made for extensive plantations in all the parks and along the parkways which still remain unshaded. A beginning has been made toward restoring the old woods in the different parks to a natural condition by gradually removing from them tree weeds which, escaping from neighboring

gardens and springing up often in great quantities, have prevented the growth of native trees and the undergrowth essential to their welfare, and have spoiled the beauty and naturalness of the park woods; and many trees, most of which were dead, dying or diseased, have been removed, in order to allow the development of their more healthy and vigorous neighbors. The good results of this work can be seen already, and will grow more apparent as time goes on. In Franklin Park the blending together into one harmonious natural picture of an aggregation of large and small country places and farms, each planted independently, has made it necessary to cut many trees along old boundary lines.

We propose in future park plantations to use largely the trees and shrubs native to Massachusetts, because these grow here more successfully, live longer, and require less labor to keep them in good condition than the trees and shrubs of foreign countries. More natural and therefore more artistic results can be obtained by the use of the native flora, than by a promiscuous mingling together of the plants of different parts of the world; and such a selection we believe, moreover, will have the effect of reducing very materially the future cost of keeping the park plantations in a healthy and satisfactory condition, especially if the plantations are made in the first place, as we propose to make them, in a thorough manner. In Franklin Park, especially, natural woods, glades and meadows, which should be its essential features, can be reproduced, as far as it is possible for art to reproduce nature, by employing only such plants as nature herself, undisturbed by man, uses in this part of the country. Many boundary trees have been, and are to be, planted, to mark the limits of the parks, and to protect those who use them, as far as possible, from the sights and sounds of the city.

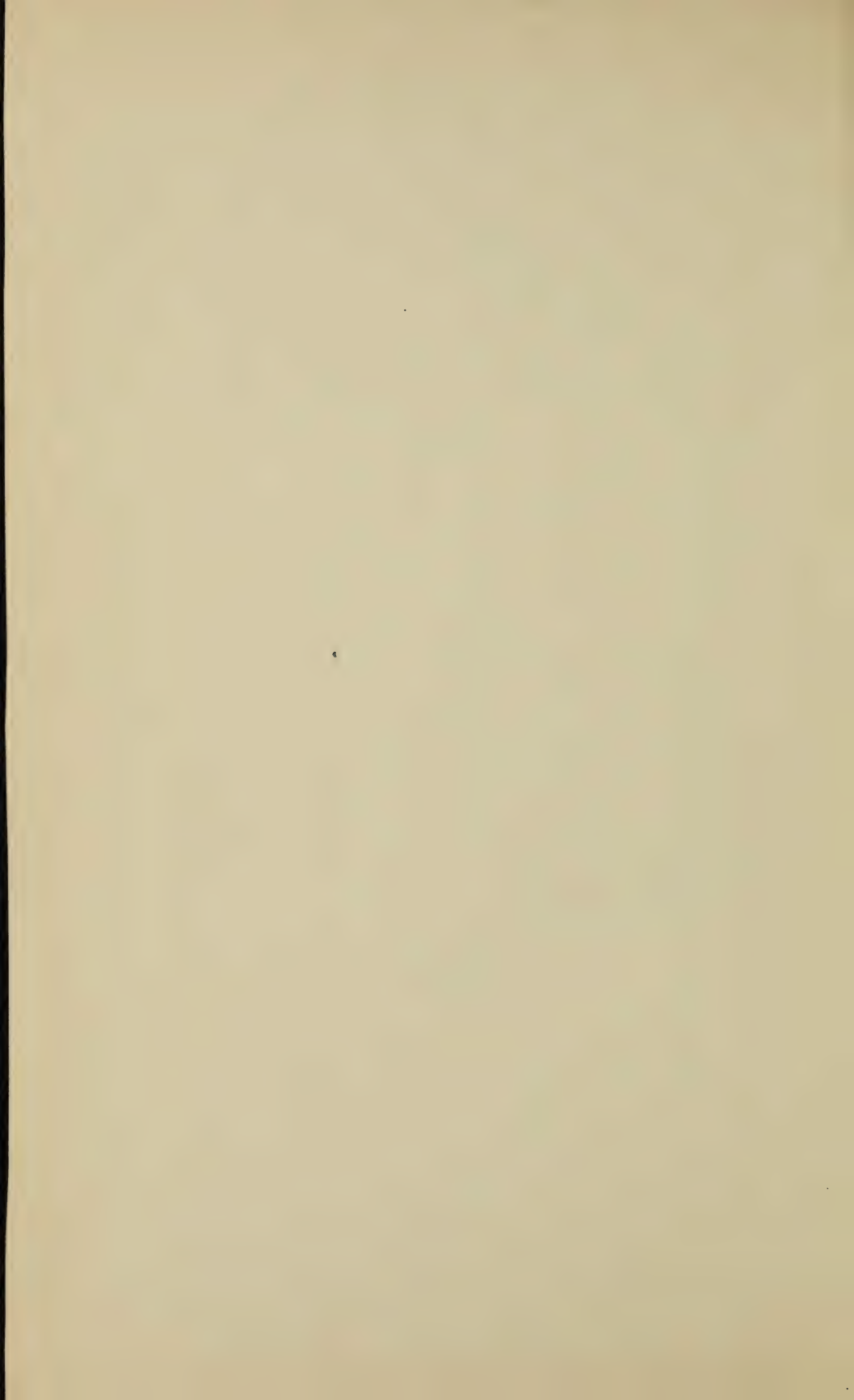
One of the greatest enemies to the peace and quiet of the parks, and, therefore, to the great end for which city parks exist, is the electric street railway with its hum and buzz and its disfiguring poles and wires.

A successful resistance was made to the strongly urged scheme of carrying an electric road across Boylston Bridge in the Fens, and the road is now being built around the Fens,



ARNOLD ARBORETUM—LOOKING SOUTH TOWARD FOREST HILLS.







instead of across them, to the incalculable advantage of the park-using public, and, we feel sure, to the ultimate profit of the owners of the neighboring lands.

The condition of the Back Bay Fens is a cause for serious anxiety. The water from Stony Brook, during periods of ordinary flow is carried round the Fens and discharged directly into the Charles river. During periods of freshet, however, the extra flow is discharged directly into the Fens with the result that the basin is being gradually filled with an offensive deposit. These overflows usually occur at periods of high tides which cover the marshes, and leave, when the tides recede, a deposit of sewage matter on the marsh grasses. The amount of the discharge of vegetable matter is likely to increase rather than to diminish, as the country about the head of Stony Brook is developed, and new streets are laid out. The largest part of the offensive matter in the Fens now consists of street surface drainage brought down from catch-basins in the streets of Roxbury and Jamaica Plain. It seems to us that this evil can only be remedied by providing a covered channel, either through one of the streets adjacent to the Fens or directly under the water of the Fens, large enough to carry all the flood water of Stony Brook into Charles river and thus prevent any flow into the basin of the Fens except the tide-water from the river.

The only lands acquired by the Board during the past year, other than for playgrounds, are the land and flats between the Old Colony Railroad and the land formerly taken for the Strandway. The proposition for the removal of the Old Colony Railroad from its present location to a new one farther west brought up the question whether the proposed abandonment of its old road-bed did not offer an opportunity to secure the extension of the Strandway much more quickly and at far less cost than the original plan. The Mayor strongly supported this view in connection with a plan to connect Franklin Park with the Strandway on the line of Columbia street. A bill for this purpose was introduced into the Legislature and became a law, under which the Street Commissioners were authorized to construct a road,

part of which should be a parkway and part a traffic-way, from Franklin Park to Marine Park, traversing Dorchester-way and Strandway where necessary for the accomplishment of this object. Plans were accordingly prepared by the Street Commissioners, in consultation with this Board, and adopted for the construction of the new Columbia road. The passage of this act made it desirable to secure the land and flats lying between the original line of the Strandway and the Old Colony Railroad, and the Board, therefore, made a taking on June 9, 1897, of so much of the land and flats as the appropriation available therefor would warrant.

As the city has grown, the vacant land, on which children have heretofore had a chance to play, becomes more and more scarce. Some parts of the city are already so built up that, unless spaces in the way of parks and playgrounds are secured, the young people will be deprived of the healthy sport of childhood, which is their birthright.

It is a wise policy to provide local playgrounds throughout the city, before land becomes too expensive, particularly as, in thickly inhabited localities, a playground large enough to accommodate baseball and football players must of necessity be very costly. But money wisely spent to purchase such land will be the best and most permanent investment possible for the city, and generations yet to come will be thankful for our forethought.

Some parts of the city are now well provided with playgrounds, while other localities have none. Therefore it has seemed wise to the Board to apply to the Legislature for an act, which shall provide for a comprehensive system of playgrounds in the city. It is hoped that power will be given to the Board, with the approval of the Mayor, to purchase land for playgrounds in such different localities, not exceeding twenty in number, as they may deem best adapted for such purpose.

The improvement and equipment of newly-acquired playgrounds and those already in existence not improved must be left to the future. It is hoped that the city will provide, inside of the debt limit, each year, sufficiently for this object.





CITY OF BOSTON  
Plan of  
**COLUMBIA ROAD**  
showing connection with  
**FRANKLIN PARK AND MARINE PARK**  
UNDER CHAPTER 394 ACTS OF 1897

SCALE  
0 10 20 30 40 50 60 70 80 90 100  
Feet

MAYOR  
**Josiah Quincy**

Street Commissioners  
John P. Bone  
John H. Burns  
George H. Innes

Park Commissioners  
Charles F. Swanton  
Lester Pratt  
John T. Wheelwright

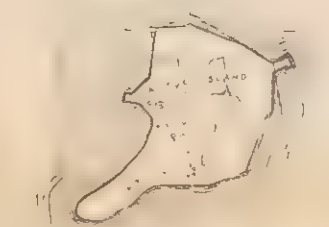
William Jackson  
City Engineer

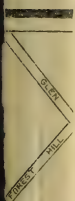
F. L. & J. C. Olmsted  
Landscape Architects

NOTE: DISTANCE FROM FRANKLIN PARK TO MARINE PARK  
BY COLUMBIA ROAD - 4.1 MILES  
DISTANCE FROM FRANKLIN PARK TO EDWARD STREET  
BY COLUMBIA ROAD - 1.8 MILES

CROSS SECTION AT A  
FRANKLIN PARK TO EDWARD STREET SQUARE

CROSS SECTION AT J  
STRAIGHTWAY





PRIVATE PROPERTY





The Board suggests to our citizens that they have the opportunity to use their money for the lasting benefit of the public in the purchase or equipment of playgrounds and thus to create for themselves an ever-enduring memorial.

A descriptive list of the playgrounds will be found in the Superintendent's report, those acquired during the past year being so marked.

The contract work of the department was continued during the year with Mr. E. W. Howe of the City Engineer's department as assistant engineer in charge, an account of which work will be found in the City Engineer's report.

As the engineering force was disproportionately large for the amount of work on hand, and as the period of park construction was about at an end, the Board concluded that the present engineering force at the department headquarters would be sufficient for all present needs, and notified the City Engineer that the department desired to be relieved from further expense on account of the services of Mr. Howe and his assistants. In taking this action the Board placed the following on its records: The Board of Park Commissioners of the City of Boston desires on parting with the services of Mr. Edward W. Howe, to put on record its high appreciation of the ability, fidelity and integrity with which he has performed his duties to this department during his many years of service.

The Board took occasion also to thank the City Engineer for his constant and appreciative interest in its work, and his many and most valuable services.

We cannot close our report without expressing our entire satisfaction with the work of our Superintendent, the good results of which are everywhere manifest in the parks, as well as in our financial statement. The City is fortunate in having secured the services of so devoted and competent a man as Mr. Pettigrew.

Respectfully submitted,

CHARLES E. STRATTON,

LABAN PRATT,

JOHN T. WHEELWRIGHT,

*Commissioners.*

January 31, 1898.



## SUPERINTENDENT'S REPORT.

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TO CHARLES E. STRATTON, LABAN PRATT, AND JOHN  
T. WHEELWRIGHT, *Board of Commissioners of the  
Department of Parks, Boston:*

GENTLEMEN: I herewith submit my report for the year ending January 31, 1898:

### FRANKLIN PARK.

The current year commenced with tree thinning in the woods and plantations of Franklin Park. This is one of the important operations in park making: sound, healthy trees cannot be grown under crowded conditions, the side branches are killed for want of light and air, and nothing is left but the top branches, each struggling to overcome the other in search of light. While it is not necessary, or even desirable, in woodland to have each tree a perfect specimen, yet each may retain in some measure its individuality or characteristic beauty, without impairment of naturalness in massing for woodland effects.

The careful and intelligent thinning out of such woodlands produces better conditions for tree growth: the branches spread out, the boles, under the influence of more light and air, gradually put forth branches, while ground cover, undergrowth, and saplings for the same reason begin to grow below. In this work care is taken to retain and emphasize, in the direction indicated, any natural or pleasing features already existing, and at the same time to bear in mind the difficulty of policing dense tangles of wood growth.

On the sites of old residences, and on fence lines within the park, considerable cutting had to be done, to thin out the neglected tangle of former plantations of trees and shrubs of foreign origin, which, from their position, character, or condition, could not be blended into a harmonious connection with their surroundings.

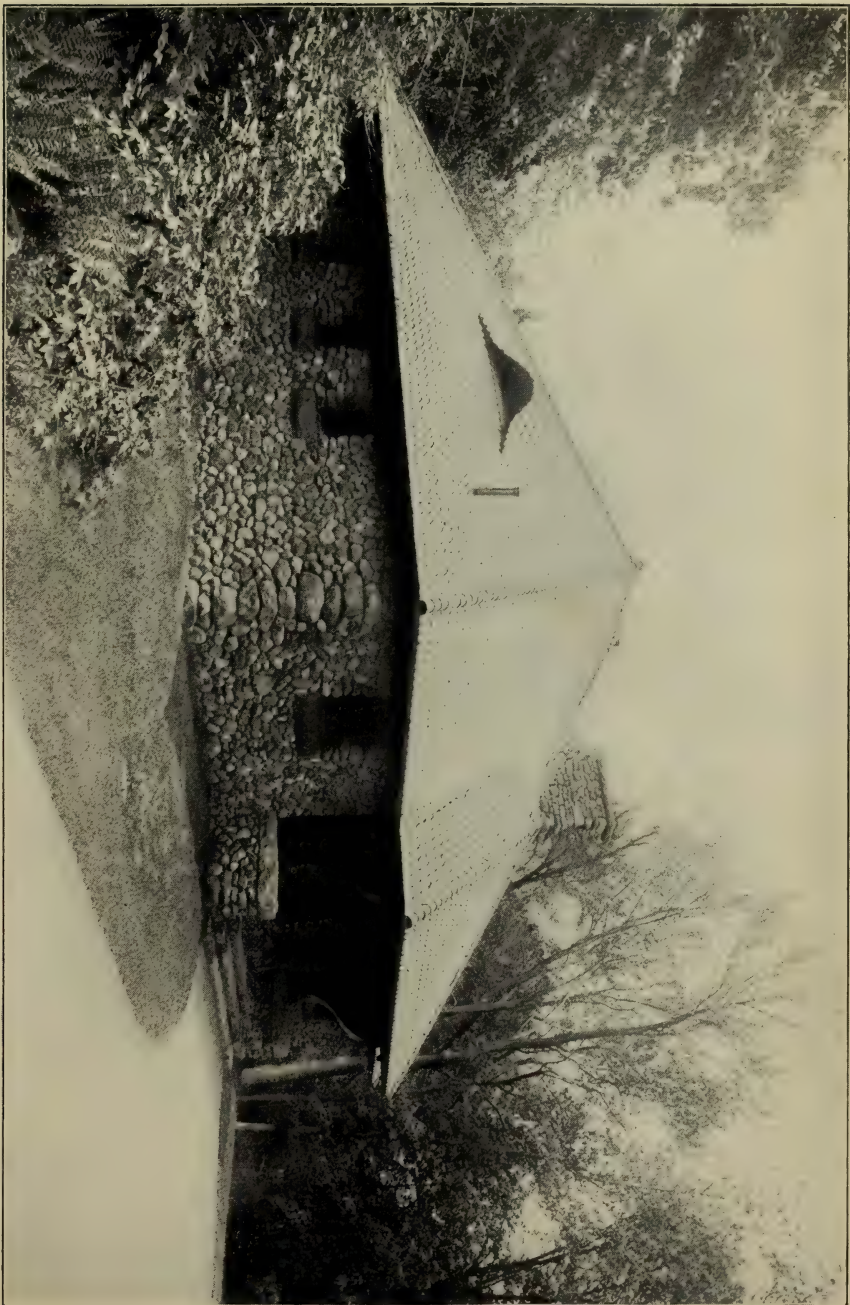
On the boundary lines of Franklin Park, including Morton street, Canterbury street, Blue Hill avenue, Seaver street,

and Sigourney street, large areas have been prepared for screen belts of timber trees; the ground, having been ploughed and subsoil-ploughed several times during the past summer, is in a fine mellow condition for planting next spring. The intended permanent trees will be planted at from twenty-five to forty feet apart, according to their expected growth, and the intervals thickly planted with other trees to serve as protection. As growth progresses and they interfere with each other, the nurse trees may be removed for transplantation elsewhere, so that the plantation will serve the purpose of a nursery as well. To encourage rapid growth in these border plantations, cultivation should be maintained for at least three years, when grass or some suitable ground cover may be planted among the trees.

Franklin Park and other portions of the park system contain a large area of rocky, sterile hills and slopes, where the thinness of the soil will not permit of fine tree growth. During the past season, such grounds have been treated with a dressing of commercial fertilizer, containing a large proportion of the elements that enter into tree growth. This is good in its way, yet under such conditions it is simply begging the question. The want of a suitable depth of soil must be met, or the same stunted growth that we see to-day will meet the eyes of posterity. True economy and a regard for the future demand that this essential to successful tree growth be supplied without delay. A large quantity of trees and shrubs of mostly native kinds has been purchased during the past year, amounting to about 30,000 of the former and about 100,000 of the latter. The stock is in very fine condition; maples, oaks, beeches, ash, and lindens, predominate among the trees, while the shrubs consist largely of cornels, thorns, viburnums, Judas trees, sumacs, and witch hazels. The greater proportion of this stock will be planted next spring, on the grounds that have been prepared during the past summer.

The removal of the Williams house and repair shops from the centre of Franklin Park, has been accomplished with gratifying results, the site being graded and made ready for





ELICOTT HOUSE, FRANKLIN PARK.



planting to bring it into harmony with the surrounding grounds.

By the transfer (which you have ordered) of the sheep from the barn at Scarboro' Hill to the barn at Franklin Field, which will be accomplished early this spring, another disfigurement on the face of the park will be obliterated by the tearing down of the sheep barn and shepherd's house. The repair shops moved from the site of the Williams place have been set up as temporary shops in a hollow near the greenhouses at Morton street, a location easily hidden from the park drives. The selection of this place will enable the department to concentrate all shops, barns, storehouses, greenhouses, and necessary administration buildings, for a large district at one point, effecting thereby a saving in time and money by reason of convenience and availability, as well as ease of management. For the permanent buildings, it would be well to have plans prepared, so that the work of erection could be completed during the coming summer.

The grading and planting done last spring in Franklin Park comprised the planting of the border mound at Blue Hill avenue; the grading and planting of the refectory and horse-shed grounds; and the grading and planting of the grounds on either side of the drive from Forest Hills street to the forks of the road east of Forest Hills bridge. A number of young hemlocks have been moved from various parts of the park, where too thickly crowded, to the hill on which the Peters' house stands. These were transplanted with frozen balls of earth, and ranged in height from five to nine feet; to quicken the foliage effect and to give shelter, clumps of birches have been planted among them. This plantation will in time tend to broaden the evergreen effect along the drive leading to Scarboro'-Pond bridge, the hill of the opposite side of the drive being clothed principally with a growth of fine white pines.

Among the improvements planned and ordered by the Board for the coming season in Franklin Park, may be mentioned the drainage of Nazindale. This charming valley is a natural drainage course, the flow of which is not sufficient to form a brook, and which frequently is dry altogether. Thereby



it forms a marshy hollow for the greater part of its course, and is filled with coarse marsh-grasses and rushes. These, trampled by the feet of golfers and other frequenters of the park, produce an effect neither natural nor artistic. The plan of drainage will carry the water in an underground channel, which, with tile drains running laterally, will bring the ground into condition for the forming of a simple turf-covered valley. This will greatly enhance the beauty and simplicity of the large meadow, and will be a great convenience to the public. In connection with this a branch pipe will be carried to Scarboro' Pond to replenish its waters when necessary and opportunity offers.

Another work of improvement planned for execution this season is the formation of a long grassy glade, extending from Blue Hill avenue to the Playstead, and lying between Glen road and Seaver street. The natural features favor this treatment of the ground, and the work will not be of a costly character, being simple in design. The heaviest item of cost will be loam, the rock being mostly near the surface. It will effect, too, the removal of the piles of stone which have so long littered the ground, and bring into use and enjoyment a very beautiful and convenient part of the park. The glade will be bordered on both sides by a meandering path, which will be of great convenience to those wishing to reach the Playstead from the cars at Blue Hill avenue.

#### FRANKLIN FIELD.

The principal works of improvement at Franklin Field, during the past year, consist of the erection of two commodious sanitary buildings, with connection with the sewerage and water systems of the city; the seeding of five or six acres of its surface, and the preparation, by loaming, of a part of its Blue Hill avenue boundary line for planting.

This noble playground is growing in popular favor; the turf is improving in condition with each season. It is to be regretted, however, that cavalry manœuvres damage the turf, the character of the soil over the greater part of its area being peaty, and it would be greatly to the benefit of all users of the Field, were equestrian exhibitions prohibited.



No extensive improvements are planned for the Field this summer, nor are any especially called for, excepting possibly that a shelter for the public is needed against storms; a large open-sided pavilion would best serve the purpose. Preparation also might be made for planting by loaming the bordering belt of the Field.

#### THE ARBORETUM.

Work on the Peters' Hill extension of the Arboretum was continued early last spring by contract for sub-grading a part of the encircling driveway, about 2,600 feet in length. On the completion of this contract in the fall, the work was continued by the park force on the remaining portion, about 4,200 feet long, which was nearly completed before the advent of cold weather. Nearly the whole length of the drive required tile drainage to take the seepage from the hill. A considerable quantity of ballast was also laid, and the work will be pushed to completion as soon as the season opens. This will open to the public, a drive from which charming views of the surrounding country can be had, by reason of its elevation and commanding position.

Early in the spring the old crusher plant was removed from Franklin Park to the ledge on the line of Bussey street in the Arboretum. This, with the new plant erected the previous year, was kept in operation, during the season, crushing stone for the traffic roads of the Arborway. The stone, except a vein or two of poor material, proves to be very good. A new engine and boiler have recently been purchased for the old plant, which will add much to its effectiveness.

#### JAMAICA PARK.

Work, under a contract, was begun in Jamaica Park last spring by the sub-grading of the driveway along the west side of the pond. On the completion of the contract for grading, the Board ordered the drive macadamized. The work was barely commenced, when it had to be suspended to allow the Metropolitan Water Commissioners to lay their large main through the bed of the driveway. The season

being far advanced when they finished, macadamizing of the roadway was postponed until spring.

About 4,100 cubic yards of loam were spread on the slopes on the Prince and Perkins street sides, in the endeavor to get the ground in readiness for planting; the Perkins street side was completed, but considerable loam is yet needed for the Prince street side before planting can be done.

A walk has been constructed along the pond at Perkins street, which will be continued down the west side of the pond, to connect with the walk near Pond street.

The slope at Perkins street will be planted with red maples, thorns, viburnums, and other native shrubs, while on Prince street side, beeches will be introduced, wherever practicable.

The threatened permanently low level of the water in Jamaica Pond discloses a larger margin of gravelly shore than is desirable. To correct this and bring the foliage line nearer to the water, part of the beach at Perkins street has been excavated and loam substituted, and, to prevent any damage by a temporary stage of high water, the sill of the overflow will be lowered. Should conditions arise, however, promising a continued stage of high water, the sill can be restored to its original height. On account of the abandonment of the bathing-house scheme at the south end of Jamaica Pond, the coves have been filled up and graded to correspond with the slopes adjacent. The old laundry building at Pine Bank has been removed, and the stable will follow when the horse-sheds, which have been authorized by the Board, are erected next season. The construction of a road and path to the offices of the Board from the parkway, and the continuation of the path to the steps at Perkins street, are the immediate necessities at Pine Bank, second only to the desirability of doing the necessary planting at the earliest possible time.

#### LEVERETT PARK.

The low water in Jamaica Pond rendered ineffective the pond and brook arrangement at Ward's Pond, since they were supplied from the overflow of Jamaica Pond, to remedy





ENTRANCE TO PINE BANK, JAMAICA PARK.





which, the Board decided to fill up two of the ponds and make a rearrangement of the paths to conform to the change.

#### THE RIVERWAY.

Considerable work was done last spring remodelling the plantations along the Riverway; scattering shrubs were gathered together in groups and masses of irregular shape, openings being occasionally left for turf spaces or for planting with low ground cover. A large number of shrubs were added, and a number of willows were removed and used for nurse trees in the Wood Island plantations.

#### THE FENS.

Throughout the Fens district, a good deal of work has been done during the fall months in rearranging shrubberies. The shrubs "planted thickly" have grown into tangled masses, strong-growing kinds overcrowding and killing the smaller. In great part the herbaceous plants have been removed from the borders of the driveways and bridle paths, and the ground dug over to plant with prostrate or low growing shrubs. The reason for this change being that the leaves and flowers of the herbaceous plants lose much of their charm and attractiveness from the dust thrown on them from the roads. These plants will still be retained along the inner paths.

The Fens charm because of an apparent wildness, and an appearance of being left to nature. The opinion prevails that such a treatment is economical and easily maintained. Never was greater mistake; constant attention is necessary to prevent the loss of colonies of plants from overcrowding of trees and shrubs, or from weeds and grasses. It is not too much to say that, as between an arrangement with herbaceous plants, as now obtains, and a treatment with shrubs and trees with grassy open spaces, the difference is as three to one in favor of the latter in point of economy.

The silt from Stony Brook has accumulated in the Fens channel, in a deposit extending from the outlet to Agassiz bridge, averaging about three feet six inches in depth. This deposit is very offensive when the water is

lowered in the Fens, and is probably a menace to health. The removal of this deposit is a necessity. At a conference between the park and sewerage engineers of the city, held on the spot, the opinion prevailed that the method of removal that would cause the least annoyance and prove the cheapest, would be to pump the material through the conduit to Beacon street, then dredge or pump it again into dump scows, and carry it out to sea. The cost of the work has been estimated, and an appropriation for it asked for by the Street Department of the city. This work ought to be completed before warm weather sets in.

#### WOOD ISLAND PARK.

The work of improvement at Wood Island Park was again taken up during the past summer; stones and boulders collected during the process of grading, and amounting to about 2,000 cubic yards, were crushed into macadam. Paths aggregating 6,500 lineal feet were outlined and subgraded with shingle from the beach, on which substantial footpaths were constructed of the crushed stone, packed with fine stone screenings. Most of the slopes and open grassy spaces have been ploughed and subsoiled and planted with trees. The trees are planted very thickly so that they may afford protection to each other, the situation being a very exposed one. Several species of trees are planted,—willows, Norway maples, and ash, predominating, the intention being to select the species that thrive best for permanent trees, and cut out the less suitable ones when they interfere with the growth of the permanent ones.

The plan for this park provides for a driveway round its borders. This driveway does not seem to be either desirable or necessary; the park is small, containing only about forty-six acres, and a large part of its area is taken up by the ball field and gymnasium ground. It would be a pity to further curtail the space that should be occupied by trees and grass for the use of the people by cutting a drive through it. The necessity for a drive is not apparent, as the park can be covered from one end to the other in a walk of a few minutes. A carriage-stand could be constructed near

the entrance for the accommodation of visitors bringing vehicles.

To meet a demand for out-door bathing, the building on the beach was opened to the public, and, in spite of the poor facilities afforded, large numbers of women and children availed themselves of the privilege, demonstrating the fact that the completion of this building as originally planned with wings for bathing-houses, would meet a popular want.

The gymnasium and ball grounds were flooded during the past winter, and used for skating by many thousands.

#### MARINE PARK.

The only work of improvement at Marine Park consisted of the purchase of about 500 yards of loam to increase the soil depth of the old plantation running parallel with Q street. The trees already planted indicate, by their stunted growth, the poverty of the soil and the severe exposure of the situation. This will be corrected by adding other trees of strong growing qualities, for protection, planting between them the permanent trees, and adding loam to the surface.

The grounds surrounding the "Natural History Pools" have been subgraded, but nothing further has been done for several years, pending the settlement as to their disposition. In their present condition they are bare and uninviting, and a detriment to that portion of Marine Park. The filling up of the pools would prove very costly, and is not necessary, for, by loaming, planting, and the making of a few walks, the place could be made attractive, and still would be available for the original purpose for which it was designed, should the funds for its execution at any time in the future be provided.

#### CASTLE ISLAND.

This delightful resort on the bay is deservedly popular with the public. Castle Island, in its simplicity, is always charming and inviting to those seeking rest and recreation. No work of improvement has been carried on here, nor is much needed, beyond the planting of shade trees, and the construction of sanitary buildings and of a shelter from sudden storms. The old hospital building has been cleared out,



painted, calcimined and fitted with seats to serve as a temporary shelter until a permanent one can be erected. A 2-inch pipe for water-supply of the island was laid last spring along the Causeway from Marine Park.

#### CHARLESBANK.

This delightful breathing-spot is situated within easy reach of a large population in a congested part of the city. Its importance can hardly be overestimated, and its broad promenade commands a fine view of the Charles river. A necessary work of improvement is the reconstruction of the promenade; a pavement of brick or granolithic would be preferable, and one commensurate with the value and importance of the place. The present bed of the path is of loose, sandy gravel, very dusty under the influence of the strong breezes of the Charles-river valley. A pathway of macadam, with a binder of stone screenings, would give less cause for annoyance in this respect.

The gymnasium gives opportunity for physical recreation to the adult population, and the children's playground for small children, but, for the romping children of larger size, Charlesbank offers no facilities. This might, in a measure, be remedied by levelling off a portion of the undulating ground, retaining only a mound along the Charles street side for a screen, and relaying the turf again, and thus providing a romping-place suitable for most games indulged in by boys and girls, excepting baseball, for which there is not sufficient space. Trees of value could be moved to other locations.

The usefulness of Charlesbank lies in its health-giving opportunities to a crowded population, and every advantage should be taken to improve those opportunities.

#### NORTH END BEACH.

At North End Beach, during the past season, were erected bathing-houses for men and women, with a pier extension into the bay, from the women's bath-house, of 322 feet, and from the men's bath-house, on the opposite side of the park, the pier extends 560 feet into the bay. Of these



piers the women's is single-decked and canopy-covered, and the men's double-decked, the upper deck being open. The women's bath-house contains 150 bathing-rooms, laundry and laundry machinery, sanitary and heating arrangements. It was opened to the public July 4, and had a fairly successful season; the patronage, however, did not seem to be commensurate with the great advantages offered at a cheap rate, sea-bathing being brought right to the doors of the people living in the most congested part of the city at five cents per bath, including room, bath, suit and towel. The men's bathing-house was not completed in season for bathing. They were, however, accommodated in the women's bathing-house without overtaxing its capacity. A band stand was erected in the park for open-air concerts.

The experience of the past summer suggests that the proper treatment of North End Beach would be to transform it into a playground; arrangements of grass and shrubbery would be trodden out immediately; no reasonable effort could prevent it. The necessity for open spaces in the district is very great, and a plan has been prepared, by the department engineer, for simply grading to as easy a slope as can be adapted to the grade of the buildings, and one that will permit of flooding for winter skating. Even the removal of the open brick sheds and the mound of earth on the north line is advisable, to give greater space for the swarming forth of the dense resident population in search of fresh air. The corner where the brick sheds now stand could be fenced off and filled up with clean sand for small children, a row of trees and a row of fixed seats could be established on the street line and north boundary line.

#### COPP'S HILL TERRACES.

The masonry retaining walls, steps and granolithic pavements of these terraces were completed last summer, and the borders were loamed in readiness for planting next spring; a drinking fountain was also erected.

## GYMNASIUMS.

On page 29 will be found statistics of attendance at the various gymnasiums under the control and direction of your department.

At Charlesbank no expenditures have been incurred on extensions or improvements. A public exhibition was given on July 26, of the past summer, conducted by Mr. J. W. Bowler, who has charge of athletic instruction at this gymnasium. The attendance was large, and the work performed by the pupils was very creditable.

At the close of the summer session at Charlesbank, Mr. Bowler was transferred to Paris-street Gymnasium for the winter session. At that place he has been successful in establishing morning and afternoon classes, designed, in the character of work performed, to qualify the pupils, as far as physical qualifications are necessary, as candidates for the Police and Fire Department service. These classes have had a marked success.

## PARIS-STREET GYMNASIUM.

The gift of Paris-street Gymnasium, by Mrs. Esther P. Ahl, added to this department an indoor gymnasium. The building is a wooden structure 137 feet by 98 feet, of one story and truss-roofed. A space 111 feet by 21 feet is set apart for reading-rooms, in which are to be found many of the leading papers and magazines. The lockers number 789.

The building will need extensive repairs if retained for its present purpose much longer, the foundations and roof being in bad condition. There can be no question of the benefits to be derived from the institution, by the crowded population in whose midst it stands. Apart from the advantage of instruction in physical culture, the bathing facilities offered, even under the present arrangement, are a boon to many, as the statistics on another page will show. It would seem, then, that as the institution is well patronized and successful, it would be a waste of money to spend any large sum in repairs or alterations on an old building, and that it would be more desirable, and in the line of economy, to erect a new one

— a plain brick structure, in which accommodation could be added for plunge and tub bathing, and for other features that it might be found desirable to include. The cost of a suitable building might be brought within very reasonable limits, were all unnecessary embellishments omitted. Its location and character do not demand any other requisites than, substantiality, neatness and adaptability.

At this gymnasium a new hot-water apparatus has been installed during the past summer, with new sprays for the shower-baths, and no trouble is now met from a want of hot water, the service being able to care for all comers. A set of six new chest-weight apparatus has been set up, replacing an old worn-out lot, and other pieces of apparatus have also been added. Patent burners of incandescent pattern have been affixed to the gas fixtures, to lessen the large gas bills. The place as a whole is in good running order, and, as the table of statistics shows, well patronized. Mr. James A. Walsh conducts classes in the afternoon and evening, and has general supervision of the special work in athletics of the gymnasium pupils, in class intervals, the work being divided between Mr. Walsh and Mr. Bowler, who has a similar charge during the mornings and two afternoons of each week.

#### WOOD ISLAND GYMNASIUM.

This gymnasium during the summer months is under the direction of Mr. Walsh, and has, during the past summer, maintained its character as a popular resort for those in search of instruction in physical culture.

It is to be regretted that so many of the frequenters of the department gymnasiums are averse to performing class-work, and prefer to attempt to develop some particular qualification of which they fancy themselves possessed. The mission of the gymnasiums under the control of the department is principally to give such instruction as will tend to build up strong healthy frames, not to encourage the development of special parts for special lines of work, which is frequently done at the expense of other parts of the body. The dangers



arising from this abuse of privilege could be entirely remedied, were such lines of work permitted only on certificate, of a competent authority, that the pupil was fit physically to undertake the work proposed. By thus making special work dependent on general physical development, the classes would be more largely attended, and the intent and purpose of the gymnasium be the more fully carried out.

#### THE PARKWAYS.

The work of improving the parkways was continued during the past season. Traffic roads for the accommodation of abutting residents were constructed on the Arborway, between Prince and Centre streets, and from Centre street to the top of the hill toward South street; the loam spaces were enlarged to admit of a larger body of loam for tree growth; red oaks were planted along the Arborway from South street to Centre street, and shrubbery on the borders and sloping banks. American lindens were planted for line trees on the Riverway from Brookline avenue to Leverett Park.

#### COMMONWEALTH AVENUE.

Pending the adoption of a more permanent improvement, a cinder walk is now being laid on the central promenade. This material, while a little dusty occasionally, has the merit of being at all times pleasant and dry for the feet. A part of the roadway two blocks long, and two street crossings, were, during the past fall, surfaced with five inches in depth of crushed stone; the remainder of the drives was surfaced with coarse screenings and rolled.

#### PLAYGROUND REQUIREMENTS.

Under the control of the Park Department are a number of playgrounds on which the work of development will soon commence, and the question of how it shall be done is an important one. Tentative plans have been prepared for the work, but the treatment proposed in most cases would seem to be too elaborate for a useful and hardworked playground.





DRIVEWAY IN ARNOLD ARBORETUM.



Shrubbery and grass, except in playgrounds of large extent, could not be maintained, and it is not to be expected that boys and men, in the excitement of games and contests, would respect such embellishments, if they came in their way, nor should it be required of them. The ground should be clear of all obstacles or decorations of a nature that would interfere with its full and free use.

Generally speaking a field simply graded, drained, and covered with three inches of screened cinders, surrounded by a fence and a row of trees planted within the fence, with a continuous row of fixed benches next to the trees, for protection to them and for the convenience of onlookers, together with suitable sanitary and shelter buildings, would meet the requirements of a playground. When space can be spared, apparatus of a simple character could be introduced for those wishing gymnastic exercise, such as would not need the instruction of an expert. By the simplification of these details much can be saved in maintenance expenses.

#### PLAYGROUNDS.

The location, area, and present condition for use of the playgrounds of the city are as follows, those acquired by this department during the past year being marked with an asterisk:

##### BACK BAY.

*Boston Common.* — A portion of the Parade Ground has been used as a playground from early times. (In charge of the Public Grounds Department.)

##### NORTH END.

(a.) *North End Beach and Copp's Hill Terraces.* — Containing three acres of upland, and four acres of beach and land covered by water. About two acres are being prepared for use as a playground, in addition to which the terraces, the beach, the promenade piers and bath-houses, are available for recreation.

(\*b.) *North End Playground*.— This playground contains about one-fourth of an acre, and is located in the most densely populated part of the North End, lying between North Bennet and Prince streets and adjoining Paul Revere School. The site was cleared of buildings last summer, and levelled. In the spring screened ashes will be spread over the surface. For a permanent surface, a granolithic pavement would be best.

#### WEST END.

*Charlesbank*.— Containing ten acres, two acres of which are devoted to the men's gymnasium, and one acre to the women's gymnasium and children's playground. Both gymnasiums are fully equipped with gymnastic apparatus, and locker and lavatory buildings. The men's gymnasium grounds are used in winter for skating.

#### SOUTH END.

(\*a.) *Fellows-street Playground*.— This playground is a small plot of three-quarters of an acre, suitable for a little folks' playground, its restricted area not permitting it to be used for ball games and other rough sports. The original lot had been laid out with walks, trees, and shrubbery, leaving a playground in the centre. The result proved the futility of planting shrubbery in a playground, both shrubbery and trees being ruined by the rough usage of the boys. The subsequent acquirement of more ground necessitates a change of plan, when a more rough and ready style of treatment can be adopted, including teeter boards, swings, sand-pits, etc., suitable for children, leaving as much space as possible for their games.

(b.) *Orchard Park*.— Containing two acres. (In charge of the Public Grounds Department.)

#### EAST BOSTON.

*Wood Island Park*.— Containing forty-six acres of upland, besides beach and flats covered by tide water. Four acres are laid out, and equipped for a men's gymnasium with field



house, and five acres are devoted to a playground. Skating is provided for at these grounds in winter.

#### CHARLESTOWN.

(\*a.) *Mystic Playground.* — Chelsea street and Scott's court. This playground contains about two and one-quarter acres, and adjoins the Mystic river. It is too restricted in area for ball games, and the best use to make of it would be to adapt it entirely to the use of children, equipping it in about the same manner as Fellows-street Playground. No other work of improvement has been done than simply grading the ground, and dressing the surface with screened cinders.

(b.) *Charlestown Heights.* — Bunker Hill and St. Martin streets; containing four acres of upland (one acre in children's playground) and six acres of flats. The latter, when filled in, will serve as a playground and bathing-beach.

(c.) *Charlestown Playground.* — Main and Alford streets, near Sullivan square; fourteen acres, enclosed by sea wall. The work of filling in this playground is going on rapidly. About nine acres have been filled, and a large part of it has been leveled, and is in good condition for ball playing. The preparation of the loam spaces for tree planting could be advantageously done during the coming season.

#### SOUTH BOSTON.

(\*a.) *First and M-street Playground.* — This playground, containing about five acres, was formerly a city lot, in charge of the Public Institutions Department. It was afterwards put in charge of the Public Grounds Department, and later was transferred to this department. During the past season it was roughly sub-graded and the lawn spaces were loamed under contract; subsequently it was finely graded, and a gymnasium ground and ball-field laid out according to plans by Olmsted, Olmsted & Eliot. Sewerage and water systems were also laid. To complete the design there is yet needed a fence and the apparatus for the gymnasium ground, as well as build-

ings for shelter and sanitary arrangements. The grounds were much used last summer for ball playing and other games, and arrangements were made for flooding for winter skating, but, on account of the mild season and the porous nature of the ground, great difficulty was experienced in maintaining good ice.

(b.) *Commonwealth Playground*.—Containing about twelve acres, near Bullock and Anchor streets. (In charge of the Public Grounds Department.) The temporary use of this ground, which is the property of the Commonwealth, is given to the city, but as this section will be a warehouse district, it will not be a proper place for a playground. When this development takes place, the marshes at the head of "Old Harbor," lately taken by this department for the Strandway, would furnish a suitable location for another playground for the South Boston District.

(c.) *Castle Island* furnishes a delightful playground, particularly for little children.

#### ROXBURY, JAMAICA PLAIN AND DORCHESTER.

(a.) *Washington Park*.—Dale and Bainbridge streets; containing nine acres. (In charge of the Public Grounds Department.) Could be arranged so as to be made available for a playground.

(b.) *Franklin Park*.—The Playstead and Glade furnish grounds for ball and other games, open to children not over twelve years of age; besides which there are tennis courts and golf links in the Country Park; the whole comprising about 125 acres.

(c.) *Franklin Field*.—Containing seventy-seven acres. Forty acres are in playground, and are flooded in winter for skating.

(d.) *Dorchester Park*.—Containing twenty-six acres of forest land. The city ledge lot adjoining can be converted into a playground after the stone has been removed.

(e.) *Neponset Playground*.—Containing eighteen acres of salt marsh, lying between Neponset avenue and the Old Colony Railroad. A dam with tidal gate has been built to

keep out the tide-water, and, by the construction of an open ditch on the northerly border of the field, the laying of tile drains, and the filling of the creeks and ditches, will make the ground available for temporary use as a playground, until it can be filled and properly surfaced. An embankment was thrown up and the enclosure flooded for skating this winter, which was enjoyed by thousands. The mild season, however, prevented a long continuance of this sport.

(\*f.) *Christopher Gibson Playground.* — Dorchester avenue and Park street. This playground, containing six acres, was known as "Dorchester Town Field," and belonged to the city as Trustee of the Gibson School Fund. The recent extension of Geneva avenue divided the field into two parts. Although a part of the land is considerably below the grade of the adjoining streets, both of the lots can be used in their present condition for ball and similar games.

#### WEST ROXBURY.

*Billings Field.* — This playground is located between Bellevue and La Grange streets in West Roxbury, and contains eleven acres. Part of the ground is a steep slope, running off to a stretch of bog land. A fill of sixteen to eighteen inches will be necessary on the low ground. The work of grading has commenced by the purchase of surplus excavation from contractors of the railroad grade crossing operations near by, and a plan for the drainage of this playground is under consideration. A portion of this ground was flooded the past winter and used for skating, with good results considering the unfavorable season.

#### BRIGHTON.

(a.) *North Brighton Playground.* — Western avenue and North Harvard street. This playground contains fourteen acres, about three acres of which are above tide-water, the remainder being subject to the overflow of high tides. No work has been done on it except to grade the high ground for temporary use as a playground. Filling is now being



received on the low ground, and a plan of drainage is being prepared. Plans for a fence have also been made, and estimates for its construction received.

(b.) *Rogers Park*. — Foster and Lake streets ; containing seven acres. (In charge of the Public Grounds Department.) About four acres of this park is low land, which can be drained and made available for a playground. A considerable area of similar lands adjoining could be added to make a large playground in this central location.

#### MAINTENANCE.

The subject of park maintenance is one to be closely considered in connection with every plan for improvement. The Boston Park System, covering as it does a large territory, with numbers of small, detached parks and playgrounds, is necessarily a costly one to maintain, and every acre of ground improved, every foot of road or walk constructed, or each building erected, adds to the cost of maintenance. One of the main considerations should be to so construct or improve as to entail the least possible cost for this service. Landscape effects should be simple, the planting should be of the character that needs the least care ; walks and roads built only where necessary as a means to an end, and buildings erected only of substantial materials and simple design, all, however, constructed on the best known methods, for cheapness of construction is not generally conducive to inexpensive maintenance.

The amount credited to us last year on this account was inadequate for maintaining a high degree of excellence, and if not substantially increased for the present season, with the roads, walks, plantations, and playgrounds added since, it will be beyond the energy and skill of the department to maintain a presentable appearance throughout the system.

Respectfully submitted.

J. A. PETTIGREW,

*Superintendent.*

BOSTON, January 31, 1898.



**Attendance at Park Department Gymnasiums for Twelve Months, ending January 31, 1898.**

	Attendance.	Lockers Used.	Baths Taken.	Men's, Women's and Girls' Classes.
Charlesbank — Men's Gymnasium.....	188,956	11,359	17,772	—
Charlesbank — Women's and Girl's Gymnasium.....	71,632	—	3,264	2,307
Wood Island Park — Men's Gymnasium.....	118,942	10,564	10,193	—
Paris street, East Boston — In-door Gymnasium.....	63,095	45,418	48,302	53,897
Total.....	442,625	67,341	79,531	56,204



## ENGINEER'S REPORT.

MR. J. A. PETTIGREW,

*Superintendent of Parks:*

DEAR SIR: I herewith submit the following statement of the principal work done in the several parks (not including the planting) for the year ending January 31, 1898:

## COMMONWEALTH AVENUE.

Walks resurfaced (cinders) . . . 6,200 square yards

## THE FENS.

New curbstone set . . . 30 linear feet.  
 Curbstone reset . . . 225 linear feet.  
 Gutters repaved . . . 113 square yards.  
 Driveways resurfaced (macadam) . 570 square yards.  
 Catch-basins built . . . 1  
 Drain-pipe laid (8-inch) . . . 93.0 linear feet.  
 Boundary fence built (wooden) . . 935 linear feet.

## RIVERWAY.

New curbstone set . . . 26 linear feet.  
 Gutters paved . . . 10 square yards.  
 Gutters repaved . . . 610 square yards.  
 Driveways surfaced (macadam) . . 2,200 square yards.  
 Driveways resurfaced (macadam) . . 2,600 square yards.  
 Boundary fence built (wooden) . . 1,505 linear feet.

## LEVERETT PARK.

Gutters repaved . . . 133 square yards.  
 Driveways resurfaced (macadam) . . 533 square yards.

## Drain pipe laid:

8-inch . . . . .	407 linear feet.
4-inch . . . . .	60 linear feet.
Water-pipe laid (2-inch) . . . . .	150 linear feet.
Drinking-fountains erected . . . . .	1
Ground ploughed and prepared for planting . . . . .	9 acres.
Loam bought and spread on plantations	1,100 cubic yards.

## JAMAICA PARK.

Driveways graded . . . . .	8,300 square yards.
Driveways ballasted . . . . .	900 square yards.
Walks graded and surfaced (cinders) . . . . .	1,080 square yards.
Drain-pipe laid (8-inch) . . . . .	60 linear feet.
Culvert built (4½ feet by 4½ feet) . . . . .	50 linear feet.
Electric light cable laid . . . . .	11,077 linear feet.
Electric lamp-posts erected . . . . .	19
Retaining-wall built . . . . .	555 linear feet.
Loam bought and spread on plantations	4,200 cubic yards.

## ARBORWAY.

Gutters paved . . . . .	1,829 square yards.
Gutters repaved . . . . .	394 square yards.
Driveways surfaced (macadam), 1.1 miles . . . . .	18,800 square yards.
Driveways resurfaced (macadam) . . . . .	2,100 square yards.
Driveways graded . . . . .	5,000 square yards.
Driveways ballasted . . . . .	6,000 square yards.
Bridle-path graded and surfaced . . . . .	1,300 square yards.
Walks surfaced (cinders and macadam), 1.5 miles . . . . .	11,400 square yards.
Drain-pipe laid:	
15-inch . . . . .	233 linear feet.
12-inch . . . . .	507 linear feet.
10-inch . . . . .	34 linear feet.
8-inch . . . . .	725 linear feet.
6-inch . . . . .	675 linear feet.
4-inch . . . . .	181 linear feet.
1½-inch . . . . .	1,200 linear feet.



## 33

Manholes built . . . . .	3
Catch-basins built . . . . .	10
Boundary wall built . . . . .	3,240 linear feet.
Electric light cable laid . . . . .	1,225 linear feet.
Electric lamp-posts erected . . . . .	3
Water-pipe laid (10-inch) . . . . .	940 linear feet.
Loam bought and spread on plantations	4,854 cubic yards.
Railroad viaduct at Forest Hills completed.	

## ARNOLD ARBORETUM AND BUSSEY PARK.

Gutters repaved . . . . .	185 square yards.
Driveways resurfaced (macadam) . . . . .	672 square yards.
Driveways graded (1 mile) . . . . .	1,700 square yards.
Driveways ballasted . . . . .	1,200 square yards.
Walks graded (0.7 mile) . . . . .	2,500 square yards.
Walks ballasted . . . . .	1,900 square yards.
Drain-pipe laid :	
18-inch . . . . .	9 linear feet.
12-inch . . . . .	50 linear feet.
10-inch . . . . .	596 linear feet.
8-inch . . . . .	1,055 linear feet.
6-inch . . . . .	711 linear feet.
4-inch . . . . .	133 linear feet.
1½-inch . . . . .	840 linear feet.
Catch-basins built . . . . .	19 linear feet.
Water-pipe laid (2-inch) . . . . .	190 linear feet.

## FRANKLIN PARK.

Gutters paved . . . . .	584 square yards.
Driveways surfaced (macadam) . . . . .	590 square yards.
Driveways graded and ballasted . . . . .	1,100 square yards.
Walks surfaced (cinders and macadam),	3,120 square yards.
Catch-basins built . . . . .	2
Drain-pipe laid (8-inch) . . . . .	275 linear feet.
Water-pipe laid (2-inch) . . . . .	100 linear feet.
Drinking-fountains erected . . . . .	2

## 34

Horse watering trough erected . . .	1
Electric light cable laid . . .	1,900 linear feet.
Electric lamp-posts erected . . .	5
Ground ploughed and prepared for planting . . . . .	29 acres.
Loam bought and spread on plantations	2,885 cubic yards.

## FRANKLIN FIELD.

Manholes built . . . . .	2
Sewer built (8-inch) . . . . .	746 linear feet.
Water-pipe laid (2-inch) . . . . .	1,000 linear feet.
Temporary buildings erected . . .	2

## DORCHESTER PARK.

Shelter built . . . . .	1
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## FELLOWS-STREET PLAYGROUND.

Catch-basins built . . . . .	2
Drain-pipe laid (8-inch) . . . . .	191 linear feet.
Filling deposited in place . . . . .	1,946 cubic yards.

## FIRST-STREET PLAYGROUND.

Walks graded and surfaced, 0.6 mile . .	4,200 square yards.
Drain-pipe laid:	
10-inch . . . . .	342 linear feet.
8-inch . . . . .	427 linear feet.
Manholes built . . . . .	1
Catch-basins built . . . . .	5
Water-pipe laid:	
6-inch . . . . .	407 linear feet.
4-inch . . . . .	579 linear feet.
Filling deposited in place . . . . .	2,820 cubic yards.

## DORCHESTERWAY.

Driveways surfaced (macadam) . . .	1,070 square yards.
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## 35

## STRANDWAY.

Sea-wall built . . . . .	560 linear feet.
Filling deposited in place . . . .	163,000 cubic yards.
Loam piled . . . . .	3,800 cubic yards.

## WOOD ISLAND PARK.

Walks surfaced (macadam, 1.2 miles) .	9,400 square yards.
Catch-basins built . . . . .	1
Drain-pipe laid:	
8-inch . . . . .	435 linear feet.
2-inch . . . . .	1,250 linear feet.
Water-pipe laid (2-inch) . . . . .	490 linear feet.
Ground ploughed and prepared for planting . . . . .	8 acres.

## COPP'S HILL TERRACES.

Walks surfaced (artificial stone) . .	1,132 square yards.
Granite stairways built . . . . .	132 square yards.
Boundary and retaining-walls built .	1,135 linear feet.
Catch-basins built . . . . .	3
Drain-pipe laid (8-inch) . . . . .	176 linear feet.
Water-pipe laid:	
2-inch . . . . .	354 linear feet.
1-inch . . . . .	50 linear feet.
Lawn hydrants placed . . . . .	4
Drinking-fountains placed . . . . .	1
Electric light cable laid . . . . .	580 linear feet.
Electric lamp-posts erected . . . . .	2

## NORTH END BEACH.

Manholes built . . . . .	2
Sewer built (8-inch) . . . . .	326 linear feet.
Retaining-wall built . . . . .	225 linear feet.
Wooden pier at women's bath-house .	6,400 square feet.
Wooden pier at men's bath-house . .	25,600 square feet.
Buildings erected . . . . .	2
Band stand erected . . . . .	1

Respectfully,

C. E. PUTNAM,

*Engineer.*





## CITY ENGINEER'S REPORT.

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CITY OF BOSTON, ENGINEERING DEPARTMENT,  
50 CITY HALL, January 31, 1898.

MR. CHARLES E. STRATTON, *Chairman, Board of Park Commissioners:*

SIR: I herewith submit the following report of the work done, and of the matters of interest in connection with the work placed under my direction by your Board, the work being under the immediate charge of Assistant Engineer E. W. Howe.

### RIVERWAY.

Plans were prepared during the early part of the year by Mr. A. H. French, engineer of the town of Brookline, in consultation with this department, for building the bridge on Longwood avenue. The construction of the bridge is now in progress.

### JAMAICA PARK.

The work of grading the drive and adjoining grounds on the westerly side of the pond under a contract with F. A. Snow, dated December 14, 1896, was completed in the autumn. The total payments under the contract were \$7,584.60.

Five hundred and fifty-five linear feet of wall for supporting the drive and the slope above it were built by the Park Department force.

The Metropolitan Water Board has laid a 48-inch water-pipe through this drive from Perkins street to the Arborway.

The pumps and boilers at the pumping-station were repaired in the spring, the mains from the pumps to the reservoir on Franklin Park have all been laid, and the reservoir is now ready for use. It will be necessary to erect and connect the water-posts with the main pipe before the water from this source can be used for watering the roads.

## ARBORWAY.

The wall built under a contract with Thomas F. Broderick, dated December 1, 1896, was finished on July 15, at a cost of \$5,670.

On June 21, a contract was made with John A. Whittemore's Sons for building a wall on the line between the Parkway and the grounds of the Bussey Institution; this work was completed on October 2, at a cost of \$2,389.50.

## ARNOLD ARBORETUM AND BUSSEY PARK.

The work of grading the road on the northerly side of Peters' Hill from the junction of Bussey and South streets to the junction of Bussey and Walter streets, under a contract with James Doonan, dated October 5, 1896, was completed on September 28; the amount of the final estimate was \$7,388.57.

A plan was made of the land to be taken for an entrance to the Arboretum from Fairview street.

## FRANKLIN PARK.

The drains from the carriage shelter at the Refectory have been finished and underground wires laid and lamps erected for the lighting of the section of the Park between the entrance opposite Columbia street and the Refectory.

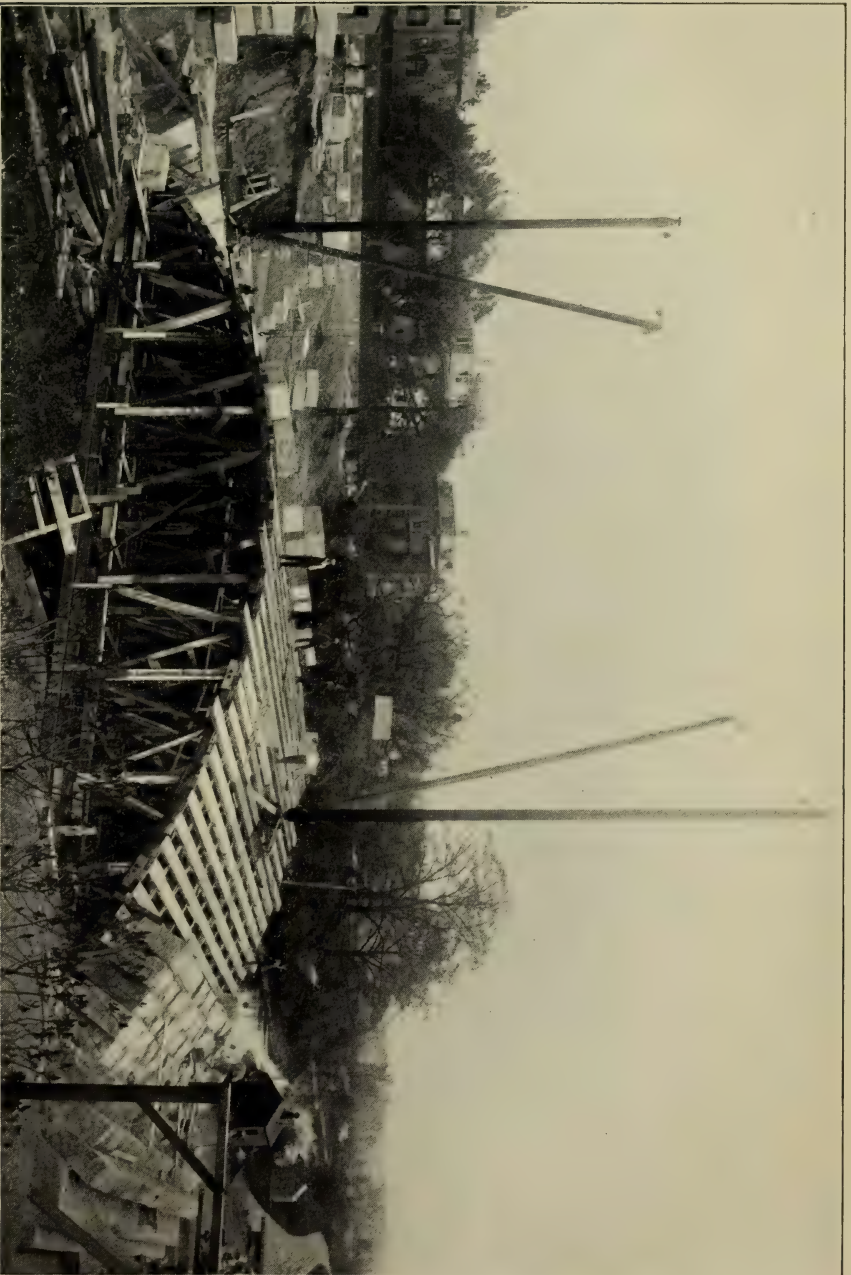
## STRANDWAY.

In June a plan was made of the land afterwards taken for park purposes between the Strandway and the Old Colony Division of the New York, New Haven and Hartford Railroad.

The work of filling, under a contract with Hugh Farrell, dated October 19, 1896, was continued during the year.

The extensions of the storm overflow sewers at I and N streets have been completed, at a cost of \$1,618.70 for the former, and of \$2,887.50 for the latter.

Work under a contract with Jones & Meehan, dated June 4, 1896, for building a wall and grading between O street and



LONGWOOD BRIDGE, RIVERWAY.





Marine Park was continued until June 29, when the work was taken possession of by the Park Commissioners and bids were advertised for finishing the work. On July 26, a contract was made with Simon J. Donovan for completing the work, which work is now in progress.

#### MARINE PARK.

During the summer it was discovered that a cast-iron section in each of six of the columns supporting the iron pier had cracked vertically; the cracks in each case are in a single section of a column between high and low water; they were probably caused by the freezing of water which had in some way leaked into the column and filled the space between the iron and the concrete. The cracks will cause no injury to the structure except in appearance. A report was made to the Superintendent of Parks recommending that the cracks be filled by calking them with a mixture of sal-ammoniac and iron filings. This method had been followed successfully in the case of two of the columns which cracked soon after the pier was built.

#### NORTH END BEACH.

The sea-wall for supporting the approach to the westerly pier, built under a contract with William L. Miller, was completed on May 20, at a cost of \$8,358.95.

On February 19, a contract was made with Alexander McInnis for building two promenade and bath-house piers. This work was finished on November 20, at a cost of \$31,090.35. The westerly pier is located with its outer line five feet back from the Harbor Commissioners' line; it is fifty feet in width and extends from the line dividing the park property from that of the Street Department, easterly, a distance of 442 feet, the easterly end being semi-circular in plan. The pier has two floors and the upper floor is covered by a roof for a length of 100 feet at the outer or easterly end. Connection is made with the shore by separate approaches to both floors at the westerly end, each approach starting from

the abutment at grade 21 above city base. The approaches are each 19 feet wide and about 90 feet long.

The work included the building of the pier for the foundation of the men's bath-house, which is built parallel to the division line between the Park and Street Department properties; the portion of the pier next to the shore for a width of 19 feet and a length of 60 feet has the floor at grade 18 and is covered by the main building; the remaining portion is 15 feet 6 inches wide and 168 feet long.

A fender-guard was built on the property line and also along the Harbor Commissioners' line to and around the curved end of the pier.

The approach to the water from the bath-house is by a passageway under the shore end of the approaches to the promenade pier, to a platform from which inclines extend to the beach, one towards the shore to about high-water line and the other towards the water to about mean low-water.

The easterly pier extends from the wall built in 1896 parallel with and 7 feet 8 inches from the division line between the Park property and that of Fiske's wharf; it is 20 feet in width and 322 feet in length; it has but one floor, but is built of sufficient strength to support a second floor if it shall be found desirable in the future; the pier is covered by a roof except for a length of 45 feet at the shore end; a fender-guard was built on the property line and around the end of the pier.

Both piers are of wood, the piles and spur-shores being of oak; the caps, stringers and floor plank are of hard pine, all surfaces exposed to view being planed. The roofs are supported by hard pine posts, girders and rafters with spruce purlins and boarding all planed; the roofs are covered with canvas, well painted. The hard pine is finished in oil and the spruce is painted.

On September 10 a contract was made with the James Russell Boiler Works Company for building iron railings on both of the piers and on the masonry approaches to them. This work was completed on December 31, at a cost of \$3,678. The railing is 3 feet 6 inches high; the posts are of cast-iron about 13 feet 6 inches apart on centres, every

alternate post on the uncovered portion of the piers being a lamp-post; there are two rails of  $2\frac{1}{2}$ -inch wrought-iron pipe with  $\frac{3}{4}$ -inch round wrought-iron palings between the rails. The total length of the railing is 2,978 feet.

A wooden approach from the women's bath-house to the beach was built in June; this is similar to the approach from the men's bath-house.

Drains were built connecting the two bath-houses with the sewer in Commercial street.

#### COPP'S HILL TERRACES.

The work being done under a contract with Perkins & White, dated September 16, 1896, was finished on September 24, 1897. The total payments under the contract were \$24,606.57. This work consisted of the doing of all grading and loaming, the building of all walls, drains and artificial stone walks on this park. Electric wires for lighting have been laid in conduits, and two posts for arc lamps have been erected. A drinking-fountain has been placed on the upper terrace. This park is now completed with the exception of the planting.

#### FIRST-STREET PLAYGROUND.

This ground was cleared and graded early in the year and the surplus loam was carted to the Strandway and stored for use there.

#### FELLOWS-STREET PLAYGROUND.

Drains and catch-basins for this ground were built in the spring, and the land taken for an extension of the playground has been filled to the grade of the adjoining streets.

#### NEPONSET PLAYGROUND.

The work of construction done here consisted of the building of a bulkhead with tide-gates on the easterly side of

Tenean street, across the creek which drains this territory. This allows a free outlet for the water from the playground, but prevents the tide-water from backing up on to it.

Yours respectfully,

WILLIAM JACKSON,  
*City Engineer.*



## FINANCIAL STATEMENTS.

## I.

*Expenditures for Land, Construction and Maintenance from  
February 1, 1897, to January 31, 1898.*

PARKS.	Page.	Land.	Construc- tion.	Mainte- nance.	Totals.
<b>Main Park System:</b>					
Commonwealth avenue....	44	.....	\$672 35	\$14,660 78	\$15,333 13
Fens.....	44	.....	3,190 07	13,591 23	16,781 30
Riverway .....	45	.....	27,791 21	7,591 64	35,382 85
Leverett Park. ....	46	.....	5,223 74	7,059 78	12,283 52
Jamaica Park.....	47	.....	30,606 46	9,439 23	40,045 69
Arborway .....	48	.....	163,903 94	4,765 07	168,669 01
Arnold Arboretum.....	49	.....	32,199 08	2,736 42	34,935 50
West Roxbury Parkway..	49	.....	1,355 16	31 59	1,386 75
Franklin Park .....	50	.....	55,081 13	32,514 17	87,595 30
<b>Marine Park System:</b>					
Dorchesterway .....	51	.....	3,938 80	399 22	4,338 02
Strandway .....	52	\$86,000 00	*111,576 61	.....	197,576 61
Marine Park .....	52	.....	1,805 25	5,787 29	7,592 54
Wood Island Park .....	53	.....	8,229 48	6,324 05	14,553 53
Charlesbank .....	54	.....	2 00	11,526 99	11,528 99
Charlestown Heights.....	55	.....	810 13	2,288 44	3,098 57
Charlestown Playground....	55	.....	739 16	63 63	802 79
Dorchester Park.....	55	.....	977 57	102 50	1,080 07
Franklin Field.....	56	1,530 36	4,847 84	2,211 49	8,589 69
Public park, North End....	57	180 00	124,579 99	5,951 18	130,711 17
North Brighton Playground,	58	272 10	3,095 68	.....	3,367 78
Neponset Playground.....	59	1,264 66	963 32	222 36	2,450 34
Billings field.....	59	418 75	18 50	310 28	747 53
First-street Playground....	60	.....	9,554 85	488 75	10,043 60
Freeport-street Triangle...	60	4,000 00	.....	.....	4,000 00
North End Playground .....	60	99,228 95	.....	167 52	99,396 47
Mystic Playground.....	61	50,000 00	.....	2,156 11	52,156 11
Fellows-street Playground..	61	14,503 72	496 28	152 47	15,152 47
Christopher Gibson Play- ground.....	61	37,500 00	.....	7 00	37,507 00
Paris-street Gymnasium ....	61	.....	.....	4,713 89	4,713 89
Office expenses.....	61	.....	.....	8,254 13	8,254 13
<b>Totals.....</b>	..	\$294,898 54	\$591,658 60	\$143,517 21	\$1,030,074 35

\* The sum of \$271.23 drawn for, but not yet paid by Auditor.

## II.

*Expenditures of the Department in detail from February 1, 1897, to January 31, 1898.*

## COMMONWEALTH AVENUE.

## CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Roads and walks: labor and mate- rials . . . . .	\$573 35	
Engineers and expenses . . . . .	99 00	
	<hr/>	\$672 35

## MAINTENANCE.

*Roadways, Grounds and Drainage.*

Roads and walks: labor and mate- rials . . . . .	\$12,109 13	
Grounds: labor and expenses . . . . .	1,515 84	
Stable account . . . . .	1,000 00	
Drainage . . . . .	25 56	
Bridge . . . . .	10 25	
	<hr/>	14,660 78
		<hr/> \$15,333 13

## FENS.

## CONSTRUCTION.

*Plantations.*

Labor and expenses . . . . .	\$1,916 26
------------------------------	------------

*Grading, Loam and General Work.*

Grading: labor and mate- rials . . . . .	\$313 72	
Fence: labor and materials, . . . . .	216 41	
Engineers and expenses . . . . .	112 75	
	<hr/>	642 88

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$463 27	
Drainage: labor and mate- rials . . . . .	111 93	
	<hr/>	575 20

*Plans and Designs.*

Landscape architects and expenses, . . . . .	55 73	
	<hr/>	\$3,190 07

## MAINTENANCE.

*Roadways, Grounds, Buildings and Drainage.*

Roads and walks: labor and mate- rials . . . . .	\$8,533 35	
Grounds: labor and materials . . . . .	2,728 39	

<i>Amounts carried forward,</i>	<hr/> \$11,261 74	<hr/> \$3,190 07	<hr/> \$15,333 13
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## 45

<i>Amounts brought forward,</i>	\$11,261 74	\$3,190 07	\$15,333 13
Stable account . . . . .	1,000 00		
Live stock . . . . .	429 50		
Sewer assessment . . . . .	312 90		
Drainage: labor and materials . .	186 01		
General work: labor and materials,	173 22		
Beacon entrance bridge: labor and			
materials . . . . .	159 86		
Buildings: labor and materials . .	64 50		
Engineers and expenses . . . . .	3 50		
	<hr/>	13,591 23	
			16,781 30

## RIVERWAY.

## CONSTRUCTION.

*Longwood Avenue Bridge.*

Amount paid under con-	
tract . . . . .	\$15,198 96
Rutan, Shepley & Coolidge,	
architects commission . .	1,437 50
Engineers and expenses . .	882 81
Labor and materials . . . . .	333 76
Advertising contract . . . . .	91 54
	<hr/>
	\$17,944 57

*Roadways, Gutters and Drainage.*

Roads and walks: labor	
and materials . . . . .	\$4,364 79
Gutters: labor and mate-	
rials . . . . .	690 18
Drainage: labor and mate-	
rials . . . . .	14 67
	<hr/>
	5,069 64

*Plantations.*

Labor and expenses . . . . .	2,909 66
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*Grading, Loam and General Work.*

Grading: labor and mate-	
rials . . . . .	\$659 51
Loam: labor and mate-	
rials . . . . .	512 26
Superintendence and gen-	
eral work . . . . .	278 05
Engineers and expenses . .	217 06
Fence: labor and mate-	
rials . . . . .	195 78
	<hr/>
	1,862 66

*Plans and Designs.*

Landscape architects and expenses,	4 68
	<hr/>
	\$27,791 21

## MAINTENANCE.

*Roadways, Grounds, Buildings and Drainage.*

Roads and walks: labor and mate-			
rials . . . . .	\$3,271 97		
Buildings: labor and materials . .	1,734 58		
	<hr/>		
<i>Amounts carried forward,</i>	\$5,006 55	\$27,791 21	\$32,114 43

<i>Amounts brought forward,</i>	\$5,006 55	\$27,791 21	\$32,114 43
Grounds: labor and materials . . . . .	1,239 55		
Stable account . . . . .	1,000 00		
Audubon road bridge: labor and materials . . . . .	180 73		
General work: labor and materials, . . . . .	122 39		
Drainage: labor and materials . . . . .	42 42		
	<hr/>	7,591 64	
		<hr/>	35,382 85

## LEVERETT PARK.

## CONSTRUCTION.

*Plantations.*

Labor and expenses . . . . . \$2,635 38

*Grading, Loam and General Work.*

Loam . . . . .	\$825 68	
Grading: labor and materials . . . . .	563 14	
General work: labor and materials . . . . .	167 00	
Engineers and expenses . . . . .	122 81	
	<hr/>	1,678 63

*Roadways, Gutters and Drainage.*

Drainage: labor and materials . . . . .	\$154 98	
Roads and walks: labor and materials . . . . .	94 94	
	<hr/>	249 92

*Lawns and Woods.*

Labor and materials . . . . . 308 01

*Water Supply.*

Water-pipes and labor . . . . . 224 96

*Machinery, Tools and Implements.*

Pumping-station . . . . . 63 18

*Fountains.*

Water fountain . . . . . 35 00

*Boating Service.*

Labor and materials . . . . .	28 66	
	<hr/>	\$5,223 74

## MAINTENANCE.

*Roadways, Grounds, Buildings and Drainage.*

Grounds: labor and materials . . . . .	\$3,247 46	
Roads and walks: labor and materials . . . . .	2,595 56	
Stable account . . . . .	981 67	
Buildings: labor and materials . . . . .	107 31	
Drainage: labor and materials . . . . .	81 94	
General work: labor and materials, . . . . .	40 84	
Boating service . . . . .	5 00	
	<hr/>	7,059 78
	<hr/>	12,283 52
<i>Amount carried forward,</i>		\$79,780 80



*Amount brought forward,*

\$79,780 80

## JAMAICA PARK.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: amount paid under contract . . .	\$7,584 60
Loam . . . . .	2,588 41
Engineers and expenses . . .	2,284 58
Grading: labor and materials . . . . .	2,208 36
General work: labor and materials . . . . .	2,104 15
	<hr/> \$16,770 10

*Retaining Walls.*

Labor and materials . . . . .	6,563 23
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*Pine Bank House.*

Alterations and additions: amount paid under contract . . . . .	\$1,597 84
Labor and furnishing . . . . .	801 71
Wheelwright and Haven for superintendence . . . . .	214 90
	<hr/> 2,614 45

*Plantations.*

Labor and expenses . . . . .	1,521 51
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*Lawns and Woods.*

Labor and materials . . . . .	1,408 74
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*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$1,129 50
Drainage: labor and materials . . . . .	48 14
Gutters: labor and materials . . . . .	43 22
	<hr/> 1,220 86

*Boating Service.*

Architects for plans . . . . .	\$140 45
Labor and materials . . . . .	44 93
Advertising contract . . . . .	41 25
	<hr/> 226 63

*Machinery, Tools and Implements.*

Lawn mowers and ice tools . . . . .	209 57
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*Plans and Designs.*

Landscape architects and expenses . . . . .	71 37
	<hr/> \$30,606 46

## MAINTENANCE.

*Roadways, Grounds, Buildings and Drainage.*

Buildings: labor and materials . . . . .	\$3,258 95
Roads and walks: labor and materials, . . . . .	2,125 12
Skating: labor and materials . . . . .	1,545 62
Grounds: labor and materials . . . . .	1,357 56
General work: labor and materials, . . . . .	1,091 10
Boating service . . . . .	48 00
Drainage: labor and materials . . . . .	12 88
	<hr/> 9,439 23
	<hr/> 40,045 69

*Amount carried forward,*

\$119,826 49

*Amount brought forward,*

\$119,826 49

## ARBORWAY.

## CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . .	\$70,471 91
Drainage: labor and materials . . . .	2,283 49
Gutters, labor and materials . . . .	1,990 11
	<hr/>
	\$74,745 51

*Arches.*

Amount paid N. Y., N. H. & H. Railroad Co. . . .	\$63,188 71
Shepley, Rutan & Coolidge, architects . . . .	1,442 86
	<hr/>
	64,631 57

*Grading, Loam and General Work.*

General work: labor and materials . . . .	\$3,758 31
Loam . . . .	3,641 21
Grading: labor and materials . . . .	3,328 34
Engineers and expenses . . . .	1,550 40
	<hr/>
	12,278 26

*Plantations.*

Labor and expenses . . . .	5,834 37
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*Water Supply.*

Water-pipes and labor . . . .	3,632 84
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*Walls.*

Amount paid under contract . . . .	\$2,389 50
Labor and materials . . . .	341 53
Advertising contract . . . .	34 00
	<hr/>
	2,765 03

*Plans and Designs.*

Landscape architects and expenses . . . .	12 02
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*Lawns and Woods.*

Labor and materials . . . .	4 34
	<hr/>
	\$163,903 94

## MAINTENANCE.

*Roadways, Grounds, Buildings and Drainage.*

Roads and walks: labor and materials . . . .	\$4,127 20
Grounds: labor and materials . . . .	523 36
Stony Brook bridge: labor and materials . . . .	65 05
Drainage: labor and materials . . . .	36 94
General work: labor and materials . . . .	12 52
	<hr/>
	4,765 07
	<hr/>
	168,669 01

*Amount carried forward,*

\$288,495 50

## 49

*Amount brought forward,*

\$288,495 50

## ARNOLD ARBORETUM AND BUSSEY PARK.

## CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Roads and walks: labor	
and materials . . .	\$11,467 93
Drainage: labor and mate-	
rials . . . . .	2,192 09
	<hr/>
	\$13,660 02

*Grading, Loam and General Work.*

Grading: amount paid	
under contract . . .	\$6,689 07
Engineers and expenses .	3,178 62
Labor and materials . .	2,536 06
General work: labor and	
materials . . . . .	15 74
	<hr/>
	12,419 49

*Boundary Walls and Gateways.*

Amount paid under con-	
tract . . . . .	\$5,670 00
Advertising and printing,	26 15
	<hr/>
	5,696 15

*Machinery, Tools and Implements.*

Crusher plant . . . . .	283 15
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*Plans and Designs.*

Landscape architects and expenses .	61 80
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*Water Supply.*

Water-pipes . . . . .	34 47
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*Plantations.*

Labor and expenses . . . . .	26 00
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*Lawns and Woods.*

Labor . . . . .	18 00
	<hr/>
	\$32,199 08

## MAINTENANCE.

*Roadways, Grounds and Drainage.*

Roads and walks: labor and mate-	
rials . . . . .	\$2,356 75
Drainage: labor and materials . .	205 16
Grounds: labor and materials . .	89 17
General work . . . . .	85 34
	<hr/>
	2,736 42

34,935 50

## WEST ROXBURY PARKWAY.

## CONSTRUCTION.

*Plantations.*

Labor and expenses . . . . .	\$1,156 96
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*Grading and General Work.*

Engineers and expenses . . . . .	165 16
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*Amounts carried forward,*

\$1,322 12

\$323,431 00

<i>Amounts brought forward,</i>	\$1,322 12	\$323,431 00
<i>Plans and Designs.</i>		
Landscape architects and expenses . . . . .	33 04	
	<hr/>	\$1,355 16
MAINTENANCE.		
<i>Grounds and Buildings.</i>		
Buildings: labor . . . . .	\$24 84	
General work . . . . .	6 75	
	<hr/>	31 59
		<hr/>
		1,386 75
FRANKLIN PARK.		
CONSTRUCTION.		
<i>Plantations.</i>		
Labor and expenses . . . . .	\$17,041 43	
<i>Grading, Loam, Drainage and General Work.</i>		
Grading: labor and materials . . . . .	\$5,357 17	
General work: labor and materials . . . . .	4,594 08	
Loam . . . . .	2,164 00	
Engineers and expenses . . . . .	987 58	
Drainage: labor and materials . . . . .	919 28	
	<hr/>	14,022 11
<i>Carriage Sheds.</i>		
Amount paid under contract . . . . .	\$6,423 00	
Paving: labor and materials . . . . .	894 33	
Water fountain . . . . .	255 80	
Plumbing: amount paid under contract . . . . .	232 00	
	<hr/>	7,805 13
<i>Refectory Building.</i>		
Amount paid under contract . . . . .	\$3,652 88	
Amount paid under contract for soda fountain booth . . . . .	1,118 00	
Labor and materials . . . . .	467 33	
	<hr/>	5,238 21
<i>Roadways and Gutters.</i>		
Roads and walks: labor and materials . . . . .	\$4,509 87	
Gutters: labor and materials . . . . .	434 64	
	<hr/>	4,944 51
<i>Lawns and Woods.</i>		
Labor and materials . . . . .	2,531 27	
<i>Plans and Designs.</i>		
Landscape architects and expenses . . . . .	\$922 50	
	<hr/>	
<i>Amounts carried forward,</i>	\$922 50	\$51,582 66
		<hr/>
		\$324,817 75



## 51

<i>Amounts brought forward,</i>	\$922 50	\$51,582 66	\$324,817 75
Public Buildings Department, Architects' Division for plans of sheepfold . . . .	278 75		
Architects, for preliminary plans, Abbotswood Cottage . . . .	50 00		
	<hr/>	1,251 25	
<i>Water Supply.</i>			
Water-pipes and labor . . . .	1,040 18		
<i>Electric Lights.</i>			
Lamp-posts and cable . . . .	491 25		
<i>Duck House.</i>			
Labor and materials . . . .	247 12		
<i>Walls and Steps, Refectory Hill.</i>			
Labor and materials . . . .	226 00		
<i>Park Wall and Gateways.</i>			
Labor and materials . . . .	146 47		
<i>Machinery, Tools and Implements.</i>			
Lawn-mower . . . .	45 20		
<i>Fountains.</i>			
Water fountain . . . .	35 00		
<i>Boating Service.</i>			
Labor and materials . . . .	16 00		
	<hr/>	\$55,081 13	

## MAINTENANCE.

*Roadways, Grounds, Buildings and Drainage.*

Grounds . . . .	\$11,580 33		
Roads and walks: labor and materials . . . .	10,811 91		
Buildings: labor and materials . . . .	5,618 72		
Sheep-fold . . . .	1,974 20		
General work . . . .	1,529 84		
Live stock . . . .	547 54		
Drainage . . . .	449 13		
Engineer's expenses . . . .	2 50		
	<hr/>	32,514 17	
		<hr/>	87,595 30

## DORCHESTERWAY.

## CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . .	\$3,399 49		
Gutters: labor and materials . . . .	18 50		
	<hr/>	\$3,417 99	
<i>Amounts carried forward,</i>	\$3,417 99	\$412,413 05	

<i>Amounts brought forward,</i>	\$3,417 99	\$412,413 05
<i>Grading, Loam and General Work.</i>		
General work: labor and materials . . . .	\$80 25	
Engineers and expenses . . . .	11 29	
Grading: labor and materials . . . .	429 27	
	<hr/>	
	520 81	
	<hr/>	\$3,938 80

## MAINTENANCE.

*Roadways, Grounds, Buildings and Drainage.*

Roads and walks: labor and materials . . . .	\$347 97	
Grounds: labor and materials . . . .	51 25	
	<hr/>	
	399 22	
	<hr/>	4,338 02

## STRANDWAY.

## LAND.

Amount paid for land . . . . .	\$86,000 00
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## CONSTRUCTION.

*Filling.*

Amount paid under contract . . . .	\$50,412 91
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*Sea-wall and Grading.*

Amount paid under contract . . . .	\$46,102 40
Advertising contract . . . . .	91 71
	<hr/>
	46,194 11

*Grading, Loam and General Work.*

Engineers and expenses . . . .	\$8,214 58
Loam: amount paid under contract . . . .	1,663 79
Grading: labor and materials . . . .	427 73
General work: labor and materials . . . .	286 01
	<hr/>
	10,592 11

*Drainage.*

N-street sewer: amount paid under contract . . . .	\$2,757 00	
I-street sewer: amount paid under contract . . . .	1,618 70	
Labor . . . . .	1 78	
	<hr/>	
	4,377 48	
	<hr/>	111,576 61
		197,576 61

## MARINE PARK.

## CONSTRUCTION.

*Head-House.*

Amount paid under contract . . . .	\$393 60	
<i>Amounts carried forward,</i>	\$393 60	\$614,327 68

## 53

Amounts brought forward, \$393 60 \$614,327 68

*Plantations.*

Labor and expenses . . . 319 04

*Grading, Loam and General Work.*

Engineers and expenses . \$52 95  
Loam . . . 62 34  
General work: labor and  
materials . . . 30 34  

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145 63

*Machinery, Tools and Implements.*

Lawn-mowers . . . 38 00

*Lawns and Woods.*

Labor and materials . . . 35 55  

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\$931 82

## CASTLE ISLAND.

*Temporary Structures.*

Shelter: labor and mate-  
rials . . . \$272 47  
Fence: labor and materials . 265 75  

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\$538 22

*Plantations.*

Labor and expenses . . . 306 02

*Grading, Loam and General Work.*

General work: labor and  
materials . . . \$23 00  
Grading: labor and mate-  
rials . . . 6 19  

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29 19  

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873 43  

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1,805 25

## MAINTENANCE.

*Roadways, Grounds, Walks, Buildings and Drainage.*

Grounds: labor and expenses . . \$2,627 10  
Buildings: labor and expenses . . 1,855 90  
Roads and walks: labor and mate-  
rials . . . 692 55  
General work: labor and materials . 590 40  
Drainage: labor and materials . . 10 48  
Castle Island Bridge . . . 10 86  

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5,787 29  

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7,592 54

## WOOD ISLAND PARK.

## CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Drainage: labor and mate-  
rials . . . \$355 25  
Roads and walks: labor and  
materials . . . 4,975 83  

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\$5,331 08

Amounts carried forward, \$5,331 08 • \$621,920 22

<i>Amounts brought forward,</i>	\$5,331 08	\$621,920 22
<i>Grading, Loam and General Work.</i>		
Grading: labor and materials . . . . .	\$1,267 09	
Engineers and expenses . . . . .	102 24	
General work: labor and materials . . . . .	14 43	
	<hr/>	1,383 76
<i>Plantations.</i>		
Labor and expenses . . . . .		1,107 82
<i>Tool-house.</i>		
Labor and materials . . . . .		196 04
<i>Water Supply.</i>		
Water-pipes and labor . . . . .		126 23
<i>Machinery, Tools and Implements.</i>		
Mower and scythes . . . . .		42 80
<i>Women's Bath-house.</i>		
Insurance . . . . .		37 50
<i>Lawns and Woods.</i>		
Labor and materials . . . . .	4 25	
	<hr/>	\$8,229 48

## MAINTENANCE.

*Roadways, Grounds and Buildings.*

<i>Men's Gymnasium—</i>		
Grounds, apparatus and building: labor and expenses . . . . .	\$4,595 17	
Skating: labor and expenses . . . . .	837 73	
Grounds: labor and expenses . . . . .	497 16	
Women's bath-house: labor and expenses . . . . .	196 63	
General work . . . . .	187 36	
Roads and walks: labor and materials, . . . . .	10 00	
	<hr/>	6,324 05
		14,553 53

## CHARLESBANK.

## CONSTRUCTION.

*Plantations.*

Labor and expenses . . . . .	\$2 00
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## MAINTENANCE.

*Grounds, Walks and Buildings.*

<i>Men's gymnasium—</i>		
Grounds, apparatus and building: labor and expenses . . . . .	\$3,911 74	
<i>Women's gymnasium—</i>		
Grounds and walks: labor and expenses . . . . .	2,885 31	
Grounds, apparatus and building: labor and expenses . . . . .	2,742 14	
Skating: labor and expenses . . . . .	1,490 10	
General work: labor and expenses . . . . .	497 70	
	<hr/>	11,528 99
		11,528 90
<i>Amount carried forward,</i>		\$648,002 74



## 55

*Amount brought forward,*

\$648,002 74

## CHARLESTOWN HEIGHTS.

## CONSTRUCTION.

*Retaining Wall.*

Amount paid under contract	\$677 51	
Labor and materials	50 00	
	<hr/>	\$727 51

*Plantations.*

Labor and expenses		53 75
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*Water Supply.*

Water-pipes and labor		20 33
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*Grading, Loam and General Work.*

Engineers and expenses	\$5 04	
General work: labor and materials	3 50	
	<hr/>	8 54
		<hr/>
		\$810 13

## MAINTENANCE.

*Grounds, Walks and Buildings.*

Grounds and walks: labor and materials		\$861 92
Sewer assessment		772 30
Buildings: labor and materials		653 40
General work: labor and materials		82
	<hr/>	2,288 44
		<hr/>
		3,098 57

## CHARLESTOWN PLAYGROUND.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor and materials	\$725 38	
Engineers and expenses	12 00	
	<hr/>	\$737 38

*Walks, Gutters and Drainage.*

Walks: labor		1 78
	<hr/>	\$739 16

## MAINTENANCE.

*Grounds, Walks and Buildings.*

Grounds and walks: labor	\$39 63	
Buildings: labor	24 00	
	<hr/>	63 63
		<hr/>
		802 79

## DORCHESTER PARK.

## CONSTRUCTION.

*Shelter.*

Labor and materials	\$963 32	
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*Amounts carried forward,*

\$963 32

\$651,904 10

<i>Amounts brought forward,</i>	\$963 32	\$651,904 10
<i>Grading, Loam and General Work.</i>		
General work: labor and materials . . . . .	\$8 00	
Engineers and expenses . . . . .	6 25	
	<u>14 25</u>	
		\$977 57

MAINTENANCE.

<i>Grounds, Walks and Buildings.</i>		
Grounds: labor and materials . . . . .	\$95 00	
Buildings: labor and materials . . . . .	7 50	
	<u>102 50</u>	
		1,080 07

FRANKLIN FIELD.

LAND.

Amount paid for land . . . . .	\$1,530 36
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CONSTRUCTION.

*Buildings.*

Sanitary buildings: labor and materials . . . . .	\$2,704 27
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*Drainage.*

Labor and materials . . . . .	989 21
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*Plans and Designs.*

Architects, for preliminary plans of field-house . . . . .	\$575 96	
Landscape architects and expenses . . . . .	62 35	
	<u>638 31</u>	

*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$220 50	
Engineers and expenses . . . . .	109 41	
	<u>311 91</u>	

*Plantations.*

Labor and expenses . . . . .	153 95
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*Water Supply.*

Water-pipes and labor . . . . .	46 89
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*Tools and Implements.*

Ice tools . . . . .	3 30	
	<u>4,847 84</u>	

MAINTENANCE.

*Grounds, Walks, Buildings and Drainage.*

Skating: labor and expenses . . . . .	\$1,424 53	
Grounds and walks: labor and materials . . . . .	727 66	
Buildings: labor . . . . .	57 05	
Drainage: labor . . . . .	2 25	
	<u>2,211 49</u>	
		8,589 69

<i>Amount carried forward,</i>	\$661,573 86
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*Amount brought forward,*

\$661,573 86

## PUBLIC PARK, NORTH END.

## NORTH END BEACH.

## LAND.

Expenses in trials of suits . . . . \$180 00

## CONSTRUCTION.

*Administration Building and Bathing Establishment.*

Administration building and  
 women's bath-house:  
 Amount paid under con-  
 tract . . . \$33,449 10  
 Amount paid R. Clipston  
 Sturgis for plans and super-  
 intendence . . . 1,788 45  
 Laundry machinery:  
 amount paid under con-  
 tract . . . 1,435 00  
 Furnishing and labor . . 1,035 60  
 Labor and materials . . 897 67  
 Heating: amount paid under  
 contract . . . 870 00  
 Advertising contract . . 17 00  
 Men's bath-house: amount  
 paid under contract . . 10,070 00  
 Amount paid R. Clipston  
 Sturgis for plans and super-  
 intendence . . . 805 95  
 Insurance . . . 437 49  
 Furnishing and labor . . 301 68  
 Advertising contract . . 50 56  
 ————— \$51,158 50

*Piers.*

Amount paid under con-  
 tract . . . \$30,990 35  
 Advertising contract . . 77 30  
 ————— 31,067 65

*Walls.*

Westerly wall: amount paid  
 under contract . . . \$8,358 95  
 Advertising contract . . 63 78  
 ————— 8,422 73

*Grading, Loam and General Work.*

Engineers and expenses . \$3,761 61  
 Grading: amount paid under  
 contract . . . 1,745 50  
 General work . . . 1,288 80  
 Labor and materials . . 27 44  
 ————— 6,823 35

*Iron Railing.*

Amount paid under con-  
 tract . . . \$3,678 00  
 Advertising contract . . 20 88  
 ————— 3,698 88

*Amounts carried forward,*

\$101,171 11

\$180 00 \$661,573 86

*Amounts brought forward,* \$101,171 11 \$180 00 \$661,573 86

*Walks, Gutters and Drainage.*

Drainage: labor and materials . . . . .	\$1,728 35		
Walks: labor and materials, . . . . .	45 25		
	<hr/>	1,773 60	

*Plans and Designs.*

Landscape architects and expenses . . . . .	768 45		
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*Band Stand.*

Amount paid under contract . . . . .	\$520 00		
Public Buildings Department, Architect's Division: for plans . . . . .	51 44		
	<hr/>	571 44	

*Borings.*

Labor . . . . .	56 87		
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*Plantations.*

Labor and expenses . . . . .	7 50		
	<hr/>	\$104,348 97	

**COPP'S HILL TERRACES.**

*Walls, Grading and Drainage.*

Amount paid under contract . . . . .	\$18,881 02		
Engineers and expenses . . . . .	1,350 00		
	<hr/>	20,231 02	
		<hr/>	124,579 99

**MAINTENANCE.**

*Grounds, Buildings and Drainage.*

Administration Building and bath-house: labor and materials . . . . .	\$3,786 44		
Electric wiring and fixtures . . . . .	1,909 42		
Grounds: labor and materials . . . . .	203 00		
Skating . . . . .	26 00		
Walks: labor . . . . .	17 82		
Men's bath-house: labor . . . . .	5 00		
Water-supply . . . . .	3 50		
	<hr/>	5,951 18	
		<hr/>	130,711 17

**NORTH BRIGHTON PLAYGROUND.**

**LAND.**

Surveying and plans . . . . .	\$272 10		
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**CONSTRUCTION.**

*Filling.*

Filling . . . . .	\$1,668 50		
<i>Amounts carried forward,</i>	\$1,668 50	\$272 10	\$792,285 03



## 59

*Amounts brought forward,* \$1,668 50 \$272 10 \$792,285 03

*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$1,165 82		
Engineers and expenses . . . . .	123 00		
	<hr/>	1,288 82	

*Walks, Gutters and Drainage.*

Walks: labor and materials . . . . .	138 36		
	<hr/>	3,095 68	
			3,367 78

NEPONSET PLAYGROUND.

LAND.

Amount paid for land . . . . .	\$933 50		
Expenses . . . . .	331 16		
	<hr/>	\$1,264 66	

CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$219 25		
Engineers and expenses . . . . .	58 49		
	<hr/>	\$277 74	

*Bulkhead.*

Amount paid under contract . . . . .	533 10		
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*Water Supply.*

Water-pipes and labor . . . . .	152 48		
	<hr/>	963 32	

MAINTENANCE.

*Grounds and Walks.*

Skating: labor and materials . . . . .	222 36		
	<hr/>	2,450 34	

BILLINGS FIELD.

LAND.

Expenses . . . . .	\$418 75		
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CONSTRUCTION.

*Grading, Loam and General Work.*

Engineers and expenses . . . . .	\$13 75		
Grading . . . . .	4 75		
	<hr/>	18 50	

MAINTENANCE.

*Grounds and Walks.*

Skating: labor and materials . . . . .	310 28		
	<hr/>	747 53	

<i>Amount carried forward,</i>			\$798,850 68
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Amount brought forward,

\$798,850 68

# FIRST-STREET PLAYGROUND.

## CONSTRUCTION.

### *Grading, Loam and General Work.*

Grading: amount paid under contract . . . . .	\$2,699 20	
Labor and materials, . . . . .	2,130 98	
Engineers: labor and expenses, . . . . .	389 97	
Loam . . . . .	60 75	
General work: labor and materials . . . . .	39 50	
	<hr/>	\$5,320 40

### *Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$1,188 36	
Drainage: labor and materials . . . . .	1,084 05	
	<hr/>	2,272 41

### *Filling.*

Filling . . . . .	987 28	
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### *Water Supply.*

Water-pipes and labor . . . . .	912 96	
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### *Plantations.*

Labor and expenses . . . . .	61 80	
	<hr/>	\$9,554 85

## MAINTENANCE.

### *Grounds and Walks.*

Skating: labor and expenses . . . . .	\$457 58	
Grounds: labor and materials . . . . .	26 81	
Walks: labor and materials . . . . .	4 36	
	<hr/>	488 75
		10,043 60

# FREEPORT-STREET TRIANGLE.

## LAND.

Amount paid for land . . . . .	4,000 00
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# NORTH-END PLAYGROUND.

## LAND.

Amount paid for land . . . . .	\$97,995 95	
Expenses . . . . .	1,233 00	
	<hr/>	\$99,228 95

## MAINTENANCE.

### *Grounds and Walks.*

Grounds: labor and materials . . . . .	\$147 77	
Engineers and expenses . . . . .	19 75	
	<hr/>	167 52
		99,396 47

Amount carried forward,

\$912,290 75

## 61

*Amount brought forward,*

\$912,290 75

## MYSTIC PLAYGROUND.

## LAND.

Amount paid for land . . . . \$50,000 00

## MAINTENANCE.

*Grounds and Walks.*

Grounds: labor and material . . .	\$2,073 82	
Engineers and expenses . . .	78 05	
Walks: labor and materials . . .	4 24	
	<u>2,156 11</u>	52,156 11

## FELLOWS-STREET PLAYGROUND.

## LAND.

Amount paid for land . . . .	\$14,200 00
Expenses . . . .	303 72
	<u>\$14,503 72</u>

## CONSTRUCTION.

*Grounds and Walks.*

Filling . . . . . 496 28

## MAINTENANCE.

*Grounds and Walks.*

Grounds: materials . . . . .	152 47	15,152 47
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## CHRISTOPHER GIBSON PLAYGROUND.

## LAND.

Amount paid for land . . . . . \$37,500 00

## MAINTENANCE.

*Grounds and Walks.*

Engineers and expenses . . . . .	7 00	37,507 00
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## PARIS STREET GYMNASIUM.

## MAINTENANCE.

Labor and expenses . . . . . 4,713 89

## OFFICE EXPENSES.

## MAINTENANCE.

Salary of Secretary and Clerk . . .	\$3,000 00	
Clerical service at office . . .	1,800 00	
Stenographer, telephones and expenses . . .	1,262 47	
Furniture and fixtures . . .	743 75	
Printing annual report, etc. . .	683 08	
Carriage-hire . . .	384 50	
Travelling expenses . . .	232 85	
Stationery . . .	147 48	
	<u>8,254 13</u>	
		<u>\$1,030,074 35</u>

## III.

## General Exhibit of Appropriations, 1897-98.

OBJECTS OF APPROPRIATION.	Page.	Balances January 31, 1897.	Appropriations and Transfers, 1897-98.	Total Credits.	Expenditures 1897-98.	Balances January 31, 1898.
Public Parks, Land and Construction.....	63	\$449,500 74	\$6,035 63	\$455,626 37	\$406,413 81	\$49,212 56
Strandway, from Marine Park, west.....	63	262,359 67	.....	262,359 67	169,576 61	92,783 06
Public Park, North End.....	63	89,249 91	.....	89,249 91	89,249 91	.....
North Brighton Playground.....	64	3,775 37	.....	3,775 37	3,367 78	407 59
Neponset Playground, Land.....	64	14,566 16	.....	14,566 16	1,364 66	13,201 50
Neponset Playground, Construction.....	64	.....	4,500 00	4,500 00	963 22	3,536 98
Billings Field, Land.....	64	20,000 00	.....	20,000 00	418 75	19,581 25
Billings Field, Construction.....	64	.....	2,500 00	2,500 00	18 50	2,481 50
.....	64	.....	5,000 00	.....	.....	.....
.....	64	.....	4,545 85	9,554 85	9,554 85	.....
.....	64	.....	9 00	.....	.....	.....
First-street Playground.....	64	.....	.....	4,000 00	4,000 00	.....
Freeport-street Triangle.....	64	4,000 00	.....	4,000 00	4,000 00	.....
North End Playground.....	65	100,000 00	.....	100,000 00	35,228 95	64,771 05
Mystic Playground.....	65	.....	50,000 00	50,000 00	50,000 00	.....
Fellows-street Playground.....	65	.....	15,000 00	15,000 00	15,000 00	.....
Christopher Gibson Playground.....	65	.....	37,500 00	37,500 00	37,500 00	.....
.....	65	.....	5,000 00	.....	.....	.....
.....	65	.....	125,000 00	.....	.....	.....
.....	65	.....	13,517 21	143,517 21	143,517 21	.....
Park Department, Maintenance.....	65	.....	.....	.....	.....	.....
		\$943,541 85	\$208,007 69	\$1,212,149 54	\$1,030,074 35	\$182,075 19



## IV.

*Appropriations and Balances in Detail for the Financial Year 1897-98.*

## PUBLIC PARKS.

Balance unexpended January 31, 1897 . . .	\$149,590 74
Loan issued November 18, 1897 . . .	50,000 00
Loan issued January 1, 1898 . . .	250,000 00
Amount received from sales of land . . .	5,035 63
Draft withdrawn from City Auditor . . .	1,000 00
	<u>\$455,626 37</u>

*Expenditures.*

Commonwealth Avenue . . . . .	\$672 35
Fens . . . . .	3,190 07
Riverway . . . . .	27,791 21
Leverett Park . . . . .	5,223 74
Jamaica Park . . . . .	30,606 46
Arborway . . . . .	163,903 94
Arnold Arboretum and Bussey Park . . . . .	32,199 08
West Roxbury Parkway . . . . .	1,355 16
Franklin Park . . . . .	55,081 13
Dorchesterway . . . . .	3,938 80
Strandway . . . . .	28,000 00
Marine Park . . . . .	1,805 25
Wood Island Park . . . . .	8,229 48
Charlesbank . . . . .	2 00
Charlestown Heights . . . . .	810 13
Charlestown Playground . . . . .	739 16
Dorchester Park . . . . .	977 57
Franklin Field . . . . .	6,378 20
Public park, North End . . . . .	35,510 08
Balance unexpended January 1, 1898 . . . . .	49,212 56
	<u>\$455,626 37</u>

## STRANDWAY FROM MARINE PARK WEST.

Balance unexpended January 31, 1897 . . .	\$62,359 67
Public Park Loan issued January 31, 1897 . . .	200,000 00
	<u>\$262,359 67</u>

*Expenditures.*

Paid on account of construction . . . . .	\$111,576 61
Paid on account of land . . . . .	58,000 00
Balance unexpended, January 31, 1898 . . .	92,783 06
	<u>\$262,359 67</u>

## PUBLIC PARK, NORTH END.

<sup>1</sup> Public Park Loan, Wards 6 and 7:	
Balance unexpended January 31, 1897 . . . . .	\$89,249 91

<sup>1</sup> Chapter 282, Acts of 1893, authorizes the taking of lands of an assessed value not exceeding \$300,000, and the issue of bonds to an amount necessary to pay for such lands, and a further amount not exceeding \$50,000, to be used to meet the expense of preparing said lands for public use.

*Expenditures.*

Paid on account of land . . . . .	\$180 00	
Paid on account of construction . . . . .	89,069 91	
	<u>          </u>	<u>\$89,249 91</u>

## NORTH BRIGHTON PLAYGROUND.

Balance unexpended January 31, 1897 . . . . .	<u>\$3,775 37</u>
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*Expenditures.*

Paid on account of land . . . . .	\$272 10	
Paid on account of construction . . . . .	3,095 68	
Balance unexpended January 31, 1898 . . . . .	<u>407 59</u>	<u>\$3,775 37</u>

## NEPONSET PLAYGROUND.

Balance unexpended January 31, 1897 . . . . .	\$14,566 16	
Amount appropriated for construction under general loan, issued October 4, 1897 . . . . .	<u>4,500 00</u>	<u>\$19,066 16</u>

*Expenditures.*

Paid on account of land . . . . .	\$1,264 66	
Paid on account of construction . . . . .	963 32	
Balance unexpended January 31, 1898 . . . . .	<u>16,838 18</u>	<u>\$19,066 16</u>

## BILLINGS FIELD, WEST ROXBURY.

Amount appropriated for land under general loan bill, dated October 22, 1896 . . . . .	\$20,000 00	
Amount appropriated for construction under general loan bill, dated June 18, 1897 . . . . .	<u>2,500 00</u>	<u>\$22,500 00</u>

*Expenditures.*

Paid on account of land . . . . .	\$418 75	
Paid on account of construction . . . . .	18 50	
Balance unexpended January 31, 1898 . . . . .	<u>22,062 75</u>	<u>\$22,500 00</u>

## FIRST-STREET PLAYGROUND.

Amount transferred from public grounds appro- priation . . . . .	\$4,545 85	
Amount appropriated under general loan bill, dated June 18, 1897 . . . . .	5,000 00	
Amount transferred by City Auditor . . . . .	<u>9 00</u>	<u>\$9,554 85</u>

*Expenditures.*

Paid on account of construction . . . . .	<u>\$9,554 85</u>
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## FREEPORT-STREET TRIANGLE.

Amount appropriated under general loan bill, dated October 22, 1896, and issued March 27, 1897 . . . . .	<u>\$4,000 00</u>
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*Expenditures.*

Amount paid for land . . . . .	<u>\$4,000 00</u>
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## 65

## NORTH END PLAYGROUND.

Amount appropriated under general loan bill, dated October  
22, 1896 . . . . . \$100,000 00

*Expenditures.*

Paid on account of land . . . . . \$99,228 95  
Balance unexpended January 31, 1898 . . . . . 771 05  
\_\_\_\_\_ \$100,000 00

## MYSTIC PLAYGROUND.

Amount appropriated under general loan issued October  
27, 1897 . . . . . \$50,000 00

*Expenditures.*

Amount paid for land . . . . . \$50,000 00

## FELLOWS-STREET PLAYGROUND.

Amount appropriated under general loan issued October 4,  
1897 . . . . . \$15,000 00

*Expenditures.*

Amount paid for land . . . . . \$14,503 72  
Amount paid for construction . . . . . 496 28  
\_\_\_\_\_ \$15,000 00

## CHRISTOPHER GIBSON PLAYGROUND.

Amount appropriated under general loan issued November  
11, 1897 . . . . . \$37,500 00

*Expenditures.*

Amount paid for land . . . . . \$37,500 00

## PARK DEPARTMENT.

## MAINTENANCE.

Appropriation for financial year 1897-98 . . . \$125,000 00  
Amount transferred by City Auditor . . . 13,517 21  
Amount contributed by abutters, Common-  
wealth avenue . . . . . 5,000 00  
\_\_\_\_\_ \$143,517 21

*Expenditures.*

Paid on account of maintenance as per Exhibit, page 43 . . \$143,517 21

## INCOME.

*Receipts.*

Received from sale of land . . . . . \$5,035 63  
Received from rents, bathing fees, sale of build-  
ings, wool, sheep, grass and wood . . . . . 3,678 30  
\_\_\_\_\_ \$8,713 93

*Payments.*

Transferred to appropriation for Public Parks . . \$5,035 63  
Income carried to General City Income . . . 3,678 30  
\_\_\_\_\_ \$8,713 93

*Summary of Expenditures on Account of Park Construction  
from the Organization of the Board, October 8, 1875, to  
January 31, 1898.*

MAIN PARK SYSTEM.

COMMONWEALTH AVENUE.

Roadways, sidewalks, gutters, drainage and general work . . . . .	\$83,911 55	
Plantations . . . . .	10,252 42	
Electric lighting . . . . .	5,674 00	
Machinery, tools, etc. . . . .	884 90	
Plans and designs . . . . .	22 90	
	<hr/>	\$100,745 77

FENS.

Filling . . . . .	\$576,811 15	
Excavating, grading, loam and general work, .	535,716 64	
Roadways, sidewalks, gutters and drainage .	349,301 49	
Retaining-walls, curb and fence . . . . .	118,177 77	
Boylston bridge . . . . .	92,011 43	
Plantations . . . . .	72,301 07	
Charlesgate bridge . . . . .	65,287 67	
Agassiz bridge . . . . .	52,013 50	
Stony-brook bridge . . . . .	40,007 11	
Railroad bridge . . . . .	39,995 04	
Fen bridge . . . . .	29,427 80	
Plans, designs and superintendence . . . . .	27,280 28	
Office and general expenses . . . . .	14,114 92	
Machinery, tools, etc. . . . .	13,797 11	
Electric lighting . . . . .	6,887 23	
Surveying . . . . .	5,472 16	
Stony-brook channel and gate-house . . . . .	1,976 28	
Water-supply, settees and live-stock . . . . .	1,417 48	
Duck-house . . . . .	350 00	
Boating service . . . . .	296 04	
	<hr/>	2,042,642 17

RIVERWAY.

Excavating, grading, loam and general work, .	\$186,429 69	
Filling . . . . .	104,143 90	
Roadways, sidewalks, gutters and drainage, .	96,595 23	
Audubon bridge . . . . .	39,654 27	
Bridle-path bridge . . . . .	32,929 09	
Administration building . . . . .	26,534 70	
Longwood-avenue bridge . . . . .	17,944 57	
Plantations . . . . .	16,381 65	
Footbridges and culverts . . . . .	14,345 00	
Tremont-street bridge . . . . .	13,273 53	
Brookline-avenue bridge . . . . .	8,936 82	
Bellevue-street bridge . . . . .	8,163 96	
Retaining-wall . . . . .	7,568 09	
Surveys, plans, designs and superintend- ence . . . . .	7,196 67	
Shelter . . . . .	4,513 65	
Electric lighting . . . . .	2,734 57	
Water-supply and settees . . . . .	2,176 71	
Machinery, tools, etc. . . . .	468 75	
	<hr/>	

*Amounts carried forward,*

\$589,990 85 \$2,143,387 94



<i>Amounts brought forward,</i>	\$589,990 85	\$2,143,387 94
Boating-service . . . . .	181 21	
Gate-house . . . . .	58 30	
	<hr/>	590,230 36

## LEVERETT PARK.

Excavating, lawns and woods, grading, loam and general work . . . . .	\$185,313 75	
Roadways, sidewalks, gutters and drainage . . . . .	77,793 72	
Retaining-walls, steps and culverts . . . . .	34,865 01	
Plantations . . . . .	30,337 94	
Leverett-pond bridge . . . . .	9,850 59	
Plans and designs . . . . .	7,177 24	
Footbridges and culverts . . . . .	6,368 46	
Electric-lighting . . . . .	5,278 74	
Machinery, tools, etc. . . . .	3,497 93	
Water-supply, fountains and settees . . . . .	1,869 09	
Boating-service . . . . .	97 24	
Filling . . . . .	15 75	
Iron railing . . . . .	1 25	
	<hr/>	362,466 71

## JAMAICA PARK.

Lawns and woods, grading grounds, loam and general work . . . . .	\$72,855 89	
Roadways, sidewalks, gutters and drainage . . . . .	38,787 29	
Pine Bank House . . . . .	32,088 86	
Retaining-walls and steps . . . . .	20,676 90	
Water supply and settees . . . . .	6,056 94	
Plantations . . . . .	5,829 45	
Surveys, plans, designs and superintendence . . . . .	3,186 07	
Machinery, tools, etc. . . . .	2,669 62	
Electric lighting . . . . .	1,622 50	
Iron fence . . . . .	1,162 38	
Boating-service . . . . .	923 92	
Gate-house . . . . .	80 73	
	<hr/>	185,940 55

## ARBORWAY.

Roadways, sidewalks, gutters and drainage, . . . . .	\$164,402 70	
Lawns and woods, grading grounds, loam and general work . . . . .	85,022 66	
Arches . . . . .	64,631 57	
Water-supply and settees . . . . .	10,256 85	
Plantations . . . . .	6,029 15	
Culverts . . . . .	5,489 53	
Stony-brook bridge . . . . .	4,503 43	
Walls . . . . .	3,235 03	
Electric lighting . . . . .	3,028 00	
Filling . . . . .	2,819 16	
Machinery, tools, etc. . . . .	1,968 75	
Plans and designs . . . . .	181 94	
	<hr/>	351,568 77

## ARNOLD ARBORETUM AND BUSSEY PARK.

Roadways, sidewalks, gutters and drainage, . . . . .	\$236,907 87	
Boundary walls and gateways . . . . .	14,733 56	
Lawns and woods, grading and general work, . . . . .	14,733 46	
Machinery, tools, etc. . . . .	3,271 88	
Plans, designs and superintendence . . . . .	1,649 22	
	<hr/>	
<i>Amounts carried forward,</i>	\$271,295 99	\$3,633,594 33

<i>Amounts brought forward,</i>	\$271,295 99	\$3,633,594 33
Plantations . . . . .	739 41	
Water-supply and settees . . . . .	164 11	
Surveying . . . . .	100 00	
	<hr/>	272,299 51

## WEST ROXBURY PARKWAY.

Clearing and grading grounds, loam and general work . . . . .	\$5,551 24	
Plantations . . . . .	1,156 96	
Plans, designs and superintendence . . . . .	550 02	
	<hr/>	7,258 22

## FRANKLIN PARK.

Roadways, sidewalks and gutters . . . . .	\$683,860 00	
Lawns and woods, grading grounds, drainage and general work . . . . .	490,532 48	
Plantations . . . . .	131,276 94	
Refectory building . . . . .	105,770 96	
Seaver-street improvement . . . . .	84,817 75	
Shelter and Overlook . . . . .	60,561 54	
Forest Hills bridge . . . . .	52,972 17	
Scarboro' Pond . . . . .	40,943 11	
Park wall and gateways . . . . .	31,923 90	
Arbor, Schoolmaster's hill . . . . .	29,514 11	
Plans, designs and superintendence . . . . .	28,334 94	
Reservoir . . . . .	27,634 39	
Scarboro' Pond bridges . . . . .	26,703 10	
Water-supply, fountains and settees . . . . .	24,879 95	
Ellicott Arch . . . . .	16,732 21	
Pergola wall, steps and terrace . . . . .	16,244 30	
Ellicott House . . . . .	14,922 87	
Carriage-sheds . . . . .	14,007 63	
Ellicottdale . . . . .	12,542 94	
Structures . . . . .	11,916 12	
Machinery, tools, etc. . . . .	11,629 40	
Playstead and flag-staff . . . . .	10,399 76	
Propagating-house . . . . .	8,205 55	
Electric lighting . . . . .	5,600 00	
Terrace wall . . . . .	3,956 05	
Concourse, Scarboro' Hill . . . . .	3,569 80	
Culverts . . . . .	3,129 34	
Carriage shelter . . . . .	2,694 70	
Boating-service . . . . .	38 01	
	<hr/>	1,955,314 02

## MARINE PARK SYSTEM.

## DORCHESTERWAY.

Roadways, sidewalks, gutters and drainage, . . . . .	\$31,160 73	
Filling . . . . .	21,821 82	
Grading, loam and general work . . . . .	9,349 21	
Plans, designs and superintendence . . . . .	1,317 24	
Culverts . . . . .	653 00	
Plantations . . . . .	102 90	
	<hr/>	64,404 90

## STRANDWAY.

Filling . . . . .	\$78,524 27	
Sea-wall and grading . . . . .	68,562 92	
Clearing, grading, loam and general work . . . . .	20,627 16	

<i>Amounts carried forward,</i>	\$167,714 35	\$5,932,870 98
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<i>Amounts brought forward,</i>	\$167,714 35	\$5,932,870 98
Drainage . . . . .	4,377 48	
Plans, designs and superintendence . . . . .	128 90	
Culverts . . . . .	60 50	
Plantations . . . . .	18 80	
	<hr/>	172,300 03

## MARINE PARK.

Filling, grading, loam and general work . . . . .	\$558,582 67	
Iron pier and railing . . . . .	175,571 99	
Head-house . . . . .	110,734 55	
Pier-head . . . . .	67,232 97	
Structures, temporary pier, and gas-lights . . . . .	43,829 05	
Roadways, sidewalks, gutters and drainage, . . . . .	37,949 27	
Plantations . . . . .	6,699 12	
Bulkhead . . . . .	4,996 00	
Plans, designs and superintendence . . . . .	3,870 46	
Electric lighting . . . . .	2,453 04	
Water-supply, settees and fence . . . . .	1,988 04	
Dredging . . . . .	1,114 20	
Boating-service . . . . .	995 71	
Machinery, tools and implements . . . . .	38 00	
	<hr/>	1,016,055 07

## CASTLE ISLAND.

Temporary buildings and structures . . . . .	\$25,512 20	
Clearing, grading grounds and drainage . . . . .	3,837 98	
Water-supply, settees and tent . . . . .	2,002 98	
Plantations . . . . .	481 19	
Shelter . . . . .	100 00	
	<hr/>	31,934 35

## WOOD ISLAND PARK.

Lawns and woods, grading, loam and general work . . . . .	\$95,810 06	
Neptune bridge . . . . .	32,320 63	
Filling . . . . .	29,852 82	
Field-house . . . . .	20,283 89	
Roads, walks, gutters and drainage . . . . .	11,273 81	
Gymnasium grounds, apparatus and play-ground . . . . .	7,280 92	
Plantations . . . . .	7,196 29	
Bath-house . . . . .	3,155 13	
Iron fence and frame . . . . .	3,039 99	
Electric lighting . . . . .	2,116 23	
Water-supply . . . . .	2,048 63	
Plans, designs and superintendence . . . . .	1,488 03	
Culverts . . . . .	425 00	
Tool-house . . . . .	196 04	
Machinery, tools and implements . . . . .	42 80	
	<hr/>	216,530 27

## CHARLESBANK.

Sea-wall and filling . . . . .	\$176,353 90	
Gymnasium grounds, apparatus, filling, loam and general work . . . . .	52,093 85	
Men's Lavatory building . . . . .	23,250 53	
Women's Lavatory building and children's shelter . . . . .	17,689 18	
Plantations . . . . .	12,137 30	
Walks and drainage . . . . .	11,684 89	
	<hr/>	

<i>Amounts carried forward,</i>	\$293,209 65	\$7,369,690 70
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<i>Amounts brought forward,</i>	\$293,209 65	\$7,369,690 70
Iron railing, fence and gas-lights . . . . .	8,367 29	
Plans, designs and superintendence . . . . .	2,076 27	
Damage . . . . .	972 51	
Water-supply . . . . .	831 41	
Machinery, tools, etc. . . . .	56 00	
	<hr/>	305,513 13

## CHARLESTOWN HEIGHTS.

Grading, clearing, filling, loam and general work . . . . .	\$27,813 06	
Shelter building . . . . .	27,240 32	
Retaining-wall . . . . .	18,838 98	
Sidewalks, gutters and drainage . . . . .	8,200 50	
Plantations . . . . .	7,751 38	
Steps . . . . .	3,971 42	
Plans, designs and superintendence . . . . .	1,330 59	
Water-supply, settees, fountains and flag-staff . . . . .	486 51	
Electric lighting . . . . .	334 00	
	<hr/>	95,966 76

## CHARLESTOWN PLAYGROUND.

Grading, loam and general work . . . . .	\$8,572 80	
Plantations . . . . .	475 60	
Plans, designs and superintendence . . . . .	204 99	
Walks and drainage . . . . .	9 78	
	<hr/>	9,263 17

## DORCHESTER PARK.

Clearing and grading grounds . . . . .	\$1,328 19	
Shelter . . . . .	963 32	
Plans, designs and superintendence . . . . .	793 44	
Temporary structures . . . . .	774 95	
	<hr/>	3,859 90

## FRANKLIN FIELD.

Clearing and grading grounds . . . . .	\$28,411 67	
Drainage . . . . .	26,767 98	
Plantations . . . . .	10,883 16	
Temporary structures . . . . .	2,704 27	
Plans, designs and superintendence . . . . .	815 06	
Fence and wall . . . . .	703 95	
Machinery, tools, etc. . . . .	480 55	
Water-supply . . . . .	46 89	
	<hr/>	70,813 53

## NORTH END BEACH.

Clearing, grading and general work . . . . .	\$57,542 59	
Plans, designs and superintendence . . . . .	1,089 14	
Boring . . . . .	224 62	
Administration Building and Women's bath-house . . . . .	39,820 93	
Men's bath-house . . . . .	11,337 57	
Piers . . . . .	31,067 65	
Walls . . . . .	8,422 73	
Iron railing . . . . .	3,698 88	
Walks and drainage . . . . .	1,946 63	
Band-stand . . . . .	571 44	
	<hr/>	

<i>Amounts carried forward,</i>	\$155,722 18	\$7,855,107 19
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## 71

<i>Amounts brought forward,</i>	\$155,722 18	\$7,855,107 19
Temporary building . . . . .	33 73	
Plantations . . . . .	7 50	
	<hr/>	155,763 41

## COPP'S HILL TERRACES.

Walls, drainage, grading and general work .	\$29,622 63	
Plans, designs and superintendence . . .	110 83	
Sidewalks . . . . .	90 58	
	<hr/>	29,824 04

## NORTH BRIGHTON PLAYGROUND.

Filling . . . . .	\$1,668 50	
Grading, loam and general work . . . .	1,288 82	
Walks, gutters and drainage . . . . .	138 36	
	<hr/>	3,095 68

## NEPONSET PLAYGROUND.

Grading, loam and general work . . . .	\$277 74	
Bulkhead . . . . .	533 10	
Water-supply . . . . .	152 48	
	<hr/>	963 32

## BILLINGS FIELD.

Grading, loam and general work . . . .		18 50
--	--	-------

## FIRST-STREET PLAYGROUND.

Grading loam and general work . . . .	\$5,320 40	
Gutters and drainage . . . . .	2,272 41	
Filling . . . . .	987 28	
Water-supply . . . . .	912 96	
Plantations . . . . .	61 80	
	<hr/>	9,554 85

## FELLOWS-STREET PLAYGROUND.

Filling . . . . .		496 28
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## SUNDRY ACCOUNTS.

General account . . . . .	\$73,987 50	
Park Nursery . . . . .	29,947 07	
	<hr/>	103,934 57
		<hr/>
		\$8,158,757 84

## VI.

*Summary of Expenditures on account of Public Park Land,  
Construction and Betterments from the Organization of the  
Board October 8, 1875, to January 31, 1898.*

## LAND.

Main Park System:	
Fens . . . . .	\$596,254 49
Riverway . . . . .	452,457 53
Leverett Park . . . . .	269,104 04
Jamaica Park . . . . .	812,843 56
Arborway . . . . .	245,584 25

*Amount carried forward,*      \$2,376,243 87

Amount brought forward,	\$2,376,243	87	
Arnold Arboretum and Bussey			
Park	76,790	35	
West Roxbury Parkway	117,665	29	
Franklin Park	1,551,196	63	
			\$4,121,896 14
Marine Park System:			
Dorchesterway	\$63,735	54	
Strandway	442,880	97	
Marine Park	232,972	57	
			739,589 08
Wood Island Park			132,800 00
Charlesbank			373,916 99
Trinity Triangle			30,000 00
Charlestown Heights			50,538 02
Charlestown Playground			172,923 31
Dorchester Park			63,239 97
Franklin Field			157,341 22
North End Beach			328,364 44
Copp's Hill Terraces			90,858 19
North Brighton Playground			21,861 73
Neponset Playground			1,698 50
Billings Field			418 75
Freeport-street Triangle			4,000 00
North End Playground			99,228 95
Mystic Playground			50,000 00
Fellows-street Playground			14,503 72
Christopher Gibson Playground			37,500 00
			6,490,679 01

## CONSTRUCTION.

Main Park System:			
Commonwealth avenue	.	\$100,745	77
Fens	.	2,042,642	17
Riverway	.	590,230	36
Leverett Park	.	362,466	71
Jamaica Park	.	185,940	55
Arborway	.	351,568	77
Arnold Arboretum and			
Bussey Park	.	272,299	51
West Roxbury Parkway	.	7,258	22
Franklin Park	.	1,955,314	02
			<hr/>
			\$5,868,466 08
Marine Park System:			
Dorchesterway	.	\$64,404	90
Strandway	.	172,300	03
Marine Park	.	1,016,055	07
Castle Island	.	31,934	35
			<hr/>
			1,284,694 35
Wood Island Park	.		216,530 27
Charlesbank	.		305,513 13
Charlestown Heights	.		95,966 76
Charlestown Playground	.		9,263 17
Dorchester Park	.		3,859 90
Franklin Field	.		70,813 53
North End Beach	.		155,763 41
Copp's Hill Terraces	.		29,824 04
North Brighton Playground	.		3,095 68
Neponset Playground	.		963 32
Billings Field	.		18 50

*Amounts carried forward,* \$8,044,772 14 \$6,490,679 01

## 73

<i>Amounts brought forward,</i>	\$8,044,772 14	\$6,490,679 01
First-street Playground . . . . .	9,554 85	
Fellows-street Playground . . . . .	496 28	
General Account . . . . .	73,987 50	
Park Nursery . . . . .	29,947 07	
	<hr/>	8,158,757 84

## BETTERMENTS.

Betterment expenses . . . . .	13,356 10
	<hr/>
	\$14,662,792 95

## VII.

**PARK BETTERMENTS COLLECTED BY CITY COLLECTOR,  
TO FEBRUARY 1, 1898.**

	Assessm'ts committed to Collector.	Abated.	Net Assessm'ts	Collected.	Outstand- ing Feb. 1, 1898.
Public Park, Back Bay...	\$434,600 00	\$143,126 73	\$291,473 27	\$290,404 27	\$1,069 00
Marine Park .....	23,543 00	12,616 80	10,926 20	10,926 20	
Franklin Park.....	135,029 00	122,000 66	13,028 34	13,028 34	
Parkway, Old Harbor....	60,789 00	50,426 00	10,363 00	8,256 00	2,107 00
“ Muddy River...	108,972 00	74,775 00	34,197 00	21,889 00	12,308 00
“ West Roxbury..	154,107 00	92,376 50	61,730 50	22,545 00	39,185 50
“ Dorchester.....	9,713 00	568 00	9,145 00	5,040 94	4,104 06
	<hr/>				
	\$926,753 00	\$495,889 69	\$430,863 31	\$372,089 75	\$58,773 56

## VIII.

## PUBLIC PARK DEBT.

*Liabilities.*

Total loan outstanding, January 31, 1898 . . . \$12,118,300 00

*Resources.*

Resources of Sinking Fund, January 31, 1898 . . . 2,556,913 37

Net debt, January 31, 1898 . . . \$9,561,386 63

## Park Statistics to January 31, 1898.

PARKS.	Year of Taking.	COST TO DATE.		Total.	Area.	Length of Driveways	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction						
MAIN PARK SYSTEM:									
Commonwealth Avenue .....	1894.....	.....	\$100,745 77	\$100,745 77	30 acres.....	2.8 miles	4.13 miles		
* Fens.....	1879.....	\$596,254 49	2,042,642 17	2,638,896 66	115 " .....	4 "	6.7 "	1.1 miles	28 acres
* † Riverway .....	1890.....	452,457 53	590,230 36	1,042,687 89	40 " .....	1.4 "	2.8 "	1.2 "	8 "
* † Leverett Park .....	1890 and 1892	269,104 04	362,466 71	631,570 75	60 " .....	1.2 "	3.4 "	0.9 mile	14 "
* Jamaica Park.....	1892.....	812,843 56	185,940 55	998,784 11	120 " .....	1.5 "	5.6 "	0.7 "	64.5 "
Arboretum .....	1892.....	245,584 25	351,568 77	597,153 02	36 " .....	3.4 "	1.25 "	1.4 miles	
* Arboretum .....	1882 and 1895	76,790 35	272,269 51	349,089 86	223 " .....	3.7 "	7.2 "	.....	0.6 acre
West Roxbury Parkway .....	1894.....	117,665 29	7,258 22	124,923 51	150 " .....	4.1 "			
* Franklin Park .....	1883 and 1884	1,551,196 63	1,955,314 02	3,506,510 65	527 " .....	10.0 "	19.1 "	2.5 miles	7.4 acres
MARINE PARK SYSTEM:									
* Dorchesterway .....	1892.....	63,735 54	64,404 90	128,140 44	6 " .....	0.75 "	1.6 "		
Strandway .....	{ 1890, 1892 } { and 1897 }	442,880 97	172,300 03	615,181 00	{ 48 " land } { 212 " flats }	1.7 "	3.1 "		
* Marine Park .....	1883.....	232,972 57	1,016,055 07	1,249,027 64	{ 34 " land } { 150 " flats }	0.9 mile	2.6 "	.....	4.4 "
Castle Island.....	1890.....	.....	31,934 35	31,934 35	{ 21 " land } { 83 " flats }	0.4 "	1.6 "		
Carried forward .....		\$4,861,485 22	\$7,153,160 43	\$12,014,645 65					



Park Statistics to January 31, 1898. — Continued.

PARKS.	Year of Taking.	COST TO DATE.		Total.	Area.	Length of Driveways	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction						
<i>Brought forward.</i> .....	.....	\$4,861,485 22	\$7,153,160 43	\$12,014,645 65					
* WOOD ISLAND PARK .....	1882 and 1891	132,800 00	216,530 27	349,330 27	{ 46 " land } { 165 " flats }	1.1 miles	2.9 "		
* CHARLESBANK.....	1883.....	373,916 99	305,513 13	679,430 12	10 " .....		1.5 "		
* TRINITY TRIANGLE .....	1885.....	30,000 00	.....	30,000 00	5,410 sq. feet...				
* CHARLESTOWN HEIGHTS .....	1891.....	50,538 02	95,966 76	146,504 78	{ 4 acres land } { 6 " flats }	.....	0.4 mile		
* CHARLESTOWN PLAYGROUND .....	1891.....	172,923 31	9,263 17	182,186 48	{ 14 " land } { 4 " flats }	.....	0.9 "		
* DORCHESTER PARK .....	1891.....	63,239 97	3,859 90	67,099 87	26 "				
* FRANKLIN FIELD.....	1892.....	157,341 22	70,813 53	228,154 75	77 "				
* PUBLIC PARK, NORTH END.....	1893.....	419,222 63	185,587 45	604,810 08	{ 3 " land } { 4 " flats }	.....	0.43 "		
* NORTH BRIGHTON PLAYGROUND..	1894.....	21,861 73	3,095 68	24,957 41	14 " .....				
NEPONSET PLAYGROUND.....	1896.....	1,698 50	963 32	2,661 82	18 " .....				
BILLINGS FIELD .....	1896.....	418 75	18 50	437 25	11 " .....				
FIRST-STREET PLAYGROUND.....	1897.....	.....	9,554 85	9,554 85	4.6 " .....				
* FREEPORT-STREET TRIANGLE....	1897.....	4,000 00	.....	4,000 00	6,263 sq. feet				
NORTH END PLAYGROUND.....	1897.....	99,228 95	.....	99,228 95	11,384 "				
<i>Carried forward</i> .....	.....	\$6,388,675 29	\$8,054,326 99	\$14,443,002 28					

**Park Statistics to January 31, 1898. — Concluded.**

PARKS.	Year of Taking.	COST TO DATE.		Total.	Area.	Length of Driveways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.						
<i>Brought forward.....</i>		\$6,388,675 29	\$8,054,326 99	\$14,443,002 28					
* MYSTIC PLAYGROUND .....	1897.....	50,000 00	.....	50,000 00	2.3 acres				
* FELLOWS-STREET PLAYGROUND..	1897.....	14,503 72	496 28	15,000 00	36,955 sq. feet.				
* CHRISTOPHER GIBSON " ..	1897.....	37,500 00	.....	37,500 00	5.8 acres				
General account .....		\$6,490,679 01	\$8,054,823 27	\$14,545,502 28					
Park Nursery.....		.....	73,987 50	73,987 50					
Betterment Expenses ....		.....	29,947 07	29,947 07					
		.....	13,356 10	13,356 10					
		\$6,490,679 01	\$8,172,113 94	\$14,662,792 95	2,271 acres	36.95 miles	65.21 miles	7.8 miles	126.9 acres

\* The lands in these parks and playgrounds have been paid for in full. † An additional area of 34 acres is within the limits of the town of Brookline.

Of the above total lengths of Driveways, Walks and Rides, there have been completed to date respectively 22.7 miles, 32.6 and 6.2 miles.

## PENDING CONTRACTS.

The pending contracts, with the value of the unperformed work, are as follows:

CONTRACTOR.	Place.	Nature of Work.	Date of Finishing speci- fied in Contract.	Amount.	Unperformed.
Woodbury & Leighton.....	Riverway .....	Longwood-avenue Bridge...	June 1, 1899. ....	\$57,500 00	\$42,301 03
Boston Electric Light Company.....	Jamaica Park and Arborway .....	Electric Lighting.....	.....	3,200 00	3,200 00
Thomas F. Broderick.....	Jamaica Park.....	Culvert.....	Dec. 15, 1897.....	475 00	475 00
Simon J. Donovan.....	Strandway.....	Sea-wall and Grading.....	June 1, 1898.....	79,350 00	61,442 20
Hugh Farrell.....	" .....	Grading.....	Dec. 1, 1897.....	75,200 00	17,039 59
" .....	" .....	N-street Sewer.....	Jan. 31, 1897.....	2,817 00	60 00
				\$143,342 00	\$124,517 82





## APPENDIX.

## REPORT OF THE COMMITTEE OF THE MASSACHUSETTS EMERGENCY AND HYGIENE ASSOCIATION IN CHARGE OF THE WOMEN'S AND CHILDREN'S GYMNASIUM AT CHARLESBANK.

BOSTON, January 31, 1898.

*To the Board of Park Commissioners :*

GENTLEMEN : The total week-day attendance for the seventh year of our superintendence of Charlesbank was 218,572, an increase of 27,676 over last year; the total Sunday attendance, 20,715 and the Sunday average, 863. The highest attendance on any single day was, on May 29, 4,332. Of these numbers 71,632 took gymnastic exercise or a daily average of 498. In classes for gymnastic practice 1,267 have been gathered, 420 beginners, 213 advanced pupils, 175 large girls and 459 women. There have also been seventeen special pupils, several of whom were sent by physicians for treatment. These special cases and the class of women proved very interesting, since they were both old and humble enough to realize the benefit to their health from such regular out-door exercise.

There were but six minor accidents, which testify to the exceeding watchfulness of the superintendents. The novelty of the baths has worn off, and their utility is not yet widely accepted. We have, therefore, but 3,020 spray and 244 tub-baths to record. Whether or not the use of the baths should be more widely extended than confined as at present to those who take regular gymnastic exercise, is a matter for serious consideration, though we have neither space nor means to accommodate a large number at any one time, as there are but four spray and two tub-baths. Certainly, if the little children were admitted to the privileges of a spray-bath, several women would have to be employed as bath-tenders.

The playground, with its kindergarten department, is one of the delightful features of Charlesbank. Miss Maud Wessel, kindergarten, had during the public school vacation 3,589 pupils or a daily average of fifty-five. The freedom of the grassy playground, the joy of the sand pens, the varied amusements in games and books inside the Lodge, are more and more widely appreciated.

The winter classes are held twice a week in the evenings, under the teaching of Miss Mary Mahoney and the piano accompaniment of Miss Katherine Purcell. We have been fortunate in securing the voluntary services of several of the pupils of Dr. Sargent, director of the Hemenway Gymnasium at Harvard University; the winter classes serving as a kind of practise school to these students where they give their first lessons in gymnastics. This

arrangement is of such practical benefit to them and to our classes that we trust it may be a permanent one.

The rare fidelity and discretion of the superintendent, Miss E. C. McMartin, and her assistants, make the work of the committee, in the general oversight of the Women's Division, a most pleasant duty, one which all the members of the committee share in turn with fresh interest each year in the varied life of Charlesbank.

MRS. KATE GANNETT WELLS,  
MISS ELLEN M. TOWER,  
MRS. F. A. WILLIAMS,  
MRS. GEORGE W. STONE,  
MISS S. L. LOVERING,  
MISS L. A. WELLS,  
MRS. GEORGE C. DOLLIVER,  
MR. CHARLES FRY,  
D. A. SARGENT, M.D.,  
*Committee.*

STATUTES OF THE COMMONWEALTH RELATING TO  
PUBLIC PARKS IN THE CITY OF BOSTON.

[Stat. 1897. — Chap. 162.]

AN ACT TO AUTHORIZE THE CITY OF BOSTON AND THE TOWN OF  
BROOKLINE TO REBUILD LONGWOOD-AVENUE BRIDGE.

SECTION 1. The city of Boston by its board of park commissioners, and the town of Brookline by its board of park commissioners, are hereby authorized to construct a new bridge in place of the existing bridge between said city and town, forming a part of Longwood avenue said new bridge to be in such location and of such width, grade and materials as said boards may agree upon. All expenses incurred by said boards in building said bridge and the abutments thereof shall be borne equally by the two municipalities, and shall be paid by the respective treasurers thereof on the certificates of said boards, and shall be deemed and accounted for as expenditures for park purposes.

SECT. 2. The provisions of sections one hundred and seventeen to one hundred and thirty-eight, both inclusive, of chapter one hundred and twelve of the Public Statutes, and of any acts in amendment thereof, shall not apply to said bridge, but where the bridge crosses the location of the Boston and Albany railroad it shall not be constructed at a height less than eighteen feet above the tracks of said railroad, except with the written consent of the board of railroad commissioners.

SECT. 3. Each of said municipalities within its own limits shall, at its own expense, by the board of park commissioners thereof, construct the approaches to said bridge, and the public ways connected with said approaches, of such widths, grades and materials as the board may deem proper, and may alter or widen existing approaches and connected ways; but neither of said municipalities shall be liable to pay any expenses of construction of such approaches or connected ways, or any land, grade or other damages incurred in constructing such approaches or connected ways which are not within its own limits, the joint liability of said municipalities under this act for the expenses of construction being limited to the expenses of constructing said bridge and the abutments thereof: *provided, however*, that no such bridge, bridge-approach or public way within the limits of the town of Brookline shall be laid out, altered or widened until the laying out, alteration or widening of the same is by the park commissioners of said town reported to the town and filed, accepted and allowed in the manner provided by section seventy-one of chapter forty-nine of the Public Statutes, in the case of the laying out of town ways; and no such bridge, bridge-approach or public



way in the city of Boston shall be constructed, altered or widened until the same is approved by the board of street commissioners and the mayor.

SECT. 4. Each of said boards shall within the limits of its municipality take, by purchase or otherwise, such lands in fee or rights in land for carrying out the purposes of this act as the board may deem necessary therefor, and shall determine the damages sustained by any person by the taking of land or any other act done under authority of this act; and any person aggrieved by any such determination may have his damages determined by a jury in the superior court in the same manner as damages are determined for the taking of land in the laying out of ways within the limits of such municipality, and costs shall be taxed and execution issued as in civil cases.

SECT. 5. Such parts of said Longwood avenue, of said bridge, bridge-approaches and public ways as lie within the limits of the town of Brookline shall be and remain town ways, and such parts of said Longwood avenue, of said bridge, bridge-approaches and public ways as lie within the limits of the city of Boston shall be and remain highways: *provided, however*, that said boards shall jointly maintain and keep in repair the said bridge and its abutments, and said city and town shall be jointly liable for all damages occasioned by any defect or want of repair therein or want of sufficient railing thereon, subject however to all the provisions of law now or hereafter in force limiting or regulating the right to recover damages for defects in public ways.

SECT. 6. The said town of Brookline may raise from time to time, by borrowing or otherwise, and may appropriate and expend such sums of money as may be deemed necessary for the purpose of defraying the expenses that may be incurred by said town under the provisions of this act, subject to the laws of this Commonwealth limiting and regulating municipal indebtedness: *provided, however*, that any debts incurred for the purposes mentioned in this act may be made payable in or within twenty years.

SECT. 7. This act shall take effect upon its passage.

(*Approved March 17, 1897.*)

[Stat. 1897. — Chap. 365.]

AN ACT TO AUTHORIZE THE BOARD OF PARK COMMISSIONERS OF THE CITY OF BOSTON TO LEASE LANDS OR BUILDINGS UNDER THEIR CONTROL FOR BOATHOUSES AND OTHER PURPOSES.

SECTION 1. The board of park commissioners of the city of Boston may lease any lands or buildings under their control, to be used for boathouses, refectories and other purposes, and may grant concessions for keeping boats, carriages and other things for the accommodation of the public, for such terms and on such conditions as the board, with the approval of the mayor, may deem proper: *provided*, that nothing in this act shall be so construed as to affect in any way any contract or agreement



entered into by said board of park commissioners prior to the passage of this act.

SECT. 2. This act shall take effect upon its passage.

*(Approved May 10, 1897.)*

Stat. 1897.—Chap. 379.

AN ACT RELATIVE TO THE BUILDING LINE AND HEIGHT OF  
BUILDINGS ON PARKWAYS, BOULEVARDS AND PARKS.

SECTION 1. Section one of chapter three hundred and thirteen of the acts of the year eighteen hundred and ninety-six is hereby amended by striking out all of said section after the word “feet”, in the tenth line, and inserting in place thereof the words:—exclusive of such steeples, towers, domes, cornices, parapets, balustrades, sculptured ornaments, chimneys and roofs, as the board of park commissioners may approve,—so as to read as follows:—*Section 1.* The board of park commissioners of a city or town may, in the manner and in accordance with and subject to the provisions of chapter four hundred and sixty-two of the acts of the year eighteen hundred and ninety-three, establish a building line, at no point more than twenty-five feet distant from any exterior line of a parkway, boulevard or public way on which a park borders; and the extreme height to which buildings may be erected upon such parkway, boulevard or public way shall be seventy feet, exclusive of such steeples, towers, domes, cornices, parapets, balustrades, sculptured ornaments, chimneys and roofs, as the board of park commissioners may approve.

SECT. 2. This act shall take effect upon its passage.

*(Approved May 10, 1897.)*

Stat. 1897—Chap. 394.

AN ACT RELATIVE TO PARKWAYS IN THE CITY OF BOSTON.

SECTION 1. The board of street commissioners of the city of Boston, acting under the provisions of chapter three hundred and twenty-three of the acts of the year eighteen hundred and ninety-one, and acts in amendment thereof or in addition thereto, and from the proceeds of the bonds and certificates authorized to be issued for laying out, locating anew, altering, widening and constructing highways under said provisions, may locate anew, alter, widen, lay out and order to be constructed, a public way over public ways and private lands, connecting Franklin Park with the Marine Park in said city, and the same shall be constructed under the provisions of said acts; and in making any such laying out and construction the directions, widths and grades shown on a plan or plans made under the provisions of said acts may be followed, or such others as said board or the officer making such construction may deem best for the public.

SECT. 2. Said board may designate a certain part or parts of said public way to be under the charge of the board of park

commissioners of said city as a parkway, and said board of park commissioners shall, after the construction thereof, have the charge and control of such parkway, as if the same had been placed in its charge under the provisions of chapter three hundred of the acts of the year eighteen hundred and ninety-three.

SECT. 3. Said board of street commissioners, with the concurrence of said board of park commissioners and the approval of the mayor, shall specify to the treasurer of said city the amount required for carrying out so much of the order of said board of street commissioners as applies to the part or parts of said way to be used as a parkway as aforesaid; and said treasurer in issuing said bonds and certificates shall cause the same, to the amount so specified, to be designated on their face as Public Park Loan, and the proceeds thereof shall be expended and deemed and considered as expenditures for public park purposes.

SECT. 4. This act shall take effect upon its passage.

*(Approved May 13, 1897.)*

[Stat. 1897. — Chap. 396.]

AN ACT TO AUTHORIZE THE CITY OF BOSTON TO ABATE A PORTION OF THE BETTERMENT ASSESSMENT MADE ON ACCOUNT OF THE LAYING OUT OF DORCHESTERWAY.

SECTION 1. The City of Boston may at any time within two years from the passage of this act authorize the board of park commissioners of said city to abate such proportion, not exceeding sixty per cent., of any assessment for a betterment made on account of the laying out of the parkway known as Dorchesterway, as said board shall deem just and expedient, and may authorize the treasurer of said city to repay such proportion of any assessment which is paid into the treasury of said city as said board of park commissioners shall approve. The expense incurred under this act shall be charged to the appropriation for the park department of said city.

SECT. 2. This act shall take effect upon its passage.

*(Approved May 13, 1897.)*

[Stat. 1897. — Chap. 523.]

AN ACT TO PROVIDE FOR A HIGHWAY AROUND THE BACK BAY FENS IN THE CITY OF BOSTON.

SECTION 1. The board of street commissioners of the city of Boston, with the approval of the mayor, may lay out under the provisions of chapter three hundred and twenty-three of the acts of the year eighteen hundred and ninety-one, and acts in amendment thereof or in addition thereto, a highway from such part of Boylston street or road on the easterly side of the Back Bay Fens to such part of Boylston street on the westerly side of said Back Bay Fens over and under said Fens northerly of Boylston road, and any parkway, or other way, and may lay out said high-

way, and Boylston street from said Fens to Brookline avenue, according to such directions, grades and widths not less than fifty feet in any part, as they shall deem the public convenience may require, and shall not be confined to any plan heretofore filed of the territory in which such ways or any part thereof are situated, and may hereafter establish a new building line on said ways or any part thereof: *provided, however*, that the lines, directions, widths, grades and construction of all parts of said highway lying northerly or easterly of Lansdowne street, so-called, and of any bridges over, or forming a part of said highway, shall be subject to the approval of the board of park commissioners and the mayor of said city.

SECT. 2. Upon the passage of said order the superintendent of streets of said city shall proceed to construct said highway under the provisions of said acts and the other acts relating to the construction of ways laid out under the orders of said board of street commissioners, and shall construct any bridge that may be required for a parkway or other public way over said highway.

SECT. 3. The expenses incurred in carrying out the provisions of the preceding sections shall be paid from the proceeds of the bonds authorized to be issued by chapter three hundred and nineteen of the acts of the year eighteen hundred and ninety-seven, and so much of the assessable cost of the part of said highway that lies south of the southerly side of Lansdowne street, so-called, as said board of street commissioners shall determine, and said mayor shall approve, shall be repaid to the city by the owners only of the estates abutting on said part, as provided in said chapter three hundred and twenty-three of the acts of the year eighteen hundred and ninety-one and acts in amendment thereof and in addition thereto; and so much of the assessable cost of the part of said highway that lies east of said Fens as said board shall determine, and said mayor shall approve, shall be repaid to the city by the owners only of the estates abutting on said part, as provided in said acts, and the remainder of the cost of said highway and bridges shall be assumed by said city, and no part of said remainder shall be assessed upon abutting or other estates.

SECT. 4. The West End Street Railway Company, when said highway shall be ready for the laying of its tracks therein, shall have a location therein subject to revocation in the same manner as the other locations of said company in said city, and shall construct and operate its railroad by electricity from a junction with its other tracks on Massachusetts avenue or Boylston street, across Massachusetts avenue, to and upon said Boylston street, to and upon said highway, to and upon said Boylston street, to and upon Brookline avenue, to a junction with the tracks heretofore constructed by said company upon said avenue; and shall place its tracks, turn-outs, switches and other structures in said street, highway and avenues, in such places, in such manner and of such construction as said board of park commissioners and mayor shall approve.



SECT. 5. Said board of street commissioners, with the approval of the mayor, within six months after the passage of this act may, on the plan of the territory between said Fens, said Brookline avenue and the Boston and Albany railroad, made by Pierre Humbert, Junior, and filed in the office of the city surveyor or city engineer of said city, make such changes in the lines, directions, widths, grades and building lines of any streets shown thereon, where they connect with Boylston road or Audubon road as they may deem necessary; and may make such changes in the lines, directions, widths, grades and building lines, or discontinue any building line, or any part of any street leading northwesterly from either of said roads, as they deem necessary; and the plan as so changed shall have the same effect and consideration as before the changes were made.

SECT. 6. This act shall take effect upon its passage.

*(Approved June 11, 1897.)*



STATUTES OF THE COMMONWEALTH RELATING TO  
PUBLIC PARKS IN OR NEAR THE  
CITY OF BOSTON.

YEAR. CHAPTER.

1866. 247. — An Act to authorize the Erection of a Sea wall, and the filling of certain flats in Charles river, to abate a nuisance.
- \*1870. 283. — An Act for the Laying out of one or more Public Parks in or near the City of Boston.
- †1875. 185. — An Act for the Laying out of Public Parks in or near the City of Boston.
1880. 144. — An Act to authorize the connection of the Arnold Arboretum with the System of Parks of the City of Boston.
1881. 92. — An Act in addition to an Act for the Laying out of Public Parks in or near the City of Boston. [Charles-river Embankment.]
1881. 197. — An Act to authorize the Construction of the Charles-river promenade.
1882. 168. — An Act to authorize the City of Boston to Issue a Public Park Loan.
1884. 226. — An Act in relation to betterments for Locating, Laying out, and Constructing Streets, Ways, and Public Parks.
1884. 237. — An Act in relation to assessments for Public Improvements.
1885. 299. — An Act requiring notice of assessments of betterments to be given to the party to be charged thereby.
1885. 360. — An Act in further addition to an Act for the Laying out of Public Parks in or near the City of Boston. [Marine Park.]
1886. 65. — An Act extending the time for the completion of the Public Park in the City of Boston known as the Charles-river Embankment.
1886. 134. — An Act to change a portion of the line of the Sea wall of the Public Park in the City of Boston, known as the Charles-river Embankment.
1886. 304. — An Act to authorize a Loan for the construction of Public Parks in or near the City of Boston.
1887. 312. — An Act to authorize a Loan for the payment for lands heretofore acquired for Public Parks in or near the City of Boston.
1887. 427. — An Act to enlarge the area for the proposed Marine Park of the City of Boston between South Boston and Castle Island.

\* This Act was to take effect when accepted by two-thirds of the legal voters voting thereon at the State election. The vote in favor was 9,233; against, 5,916. The Act consequently was rejected.

† This Act was accepted by a majority of the legal voters voting thereon, June 9, 1875. Yeas, 3,706; nays, 2,311.

## YEAR. CHAPTER.

1888. 376. — An Act to authorize the City of Boston to refund a portion of the money paid as betterments for the Marine Park in said City.
1888. 392. — An Act to enable the City of Boston, for the purpose of obtaining lands for its Public Parks, to incur indebtedness outside of the limit fixed by law.
1889. 129. — An Act relating to buildings in the Public Parks of the City of Boston.
1889. 438. — An Act to authorize the enlargement of the proposed Marine Park in the City of Boston.
1890. 271. — An Act to authorize the City of Boston to incur indebtedness outside of its debt limit, to procure and construct one or more Public Parks in the Charlestown District of the City of Boston.
1890. 339. — An Act changing the boundary between the City of Boston and the Town of Brookline.
1890. 444. — An Act to amend an Act authorizing the City of Boston to incur indebtedness outside of its debt limit to procure and construct one or more Public Parks in the Charlestown District of the City of Boston.
1891. 301. — An Act to authorize the City of Boston to incur a debt for Park purposes beyond the limit fixed by law.
1891. 344. — An Act to authorize the City of Boston to construct a Sea wall and extend the Charles-river Embankment.
1891. 390. — An Act to provide for the appointment of the Charles-river Improvement Commission.
1892. 371. — An Act to authorize the City of Boston to take Jamaica Pond and Ward's Pond for a Public Park.
1893. 126. — An Act in relation to raising the grade and changing the location of the Providence Division of the Old Colony Railroad in the City of Boston.
1893. 211. — An Act in relation to the issue of bonds and certificates for Park purposes by the City of Boston.
1893. 225. — An Act to authorize cities and towns to establish and maintain Public Playgrounds.
1893. 258. — An Act to authorize the City of Boston to refund or abate a portion of its betterments assessed for the extension of the Marine Park.
1893. 282. — An Act to provide for a Public Park in Wards 6 and 7 of the City of Boston.
1893. 300. — An Act relative to the Laying out of Public Parks by towns and cities. [Boulevard Act.]

## YEAR. CHAPTER.

1893. 331. — An Act relative to leasing open spaces for Gardens and Playgrounds by cities and towns.
1893. 407. — An Act to establish a Metropolitan Park Commission.
1893. 416. — An Act relating to an Act relative to the Laying out of Public Parks by towns and cities.  
[Amended Stat. 1893, Chap. 300.]
1893. 435. — An Act in relation to the construction of a Sea wall and the extension of the Charles-river Embankment by the City of Boston.
1893. 475. — An act to provide for the improvement of Charles river.
1894. 288. — An Act to authorize the Metropolitan Park Commission to construct Roadways and Boulevards.
1894. 396. — An Act to authorize the City of Boston to incur indebtedness beyond the limit fixed by law, for Park purposes.
1894. 483. — An Act to authorize the Commonwealth to acquire the location in part of the Boston, Revere Beach & Lynn Railroad, and to authorize a relocation in part of said railroad.
1894. 509. — An Act to authorize the Metropolitan Park Commission to expend a sum of money, in addition to the amounts heretofore authorized, for open spaces along or near the Charles river.
1895. 45. — An Act to authorize the Extension of the Arnold Arboretum.
1895. 185. — An Act to authorize the City of Boston to abate a Portion of the Betterments made on account of the Laying out of Jamaica Park and Arborway.
1895. 272. — An Act changing the Limits within which Land may be taken by the Metropolitan Park Commission within the City of Medford.
1895. 305. — An Act relative to the taking by the Metropolitan Park Commission of Revere Beach, so-called, in the town of Revere.
1895. 450. — An Act relative to the Metropolitan Park Commission.
1896. 199. — An Act relative to violations of regulations of Public Parks.
1896. 284. — An Act relative to excavations, fillings and constructions in tide waters for the purposes of the Public Parks of the City of Boston.
1896. 313. — An Act relative to the Building line and height of buildings on Parkways, Boulevards and Parks.
1896. 411. — An Act to authorize the sale of certain lands taken for Public Park purposes in the City of Boston.
1896. 453. — An Act to authorize the City of Boston to continue the construction of its Public Parks.



## YEAR. CHAPTER.

1896. 465. — An Act to better define the authority of the Metropolitan Park Commission.
1896. 466. — An Act increasing the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1896. 472. — An Act increasing the amount of money placed at the disposal of the Metropolitan Park Commission for the construction of Roadways and Boulevards.
1896. 550. — An Act relative to the Metropolitan Parks and Boulevards.
1897. 121. — An Act to further define the authority of the Metropolitan Park Commission.
1897. 162. — An Act to authorize the City of Boston and the Town of Brookline to rebuild Longwood-avenue bridge.
1897. 311. — An Act to provide for the interest and sinking-fund requirements of the Metropolitan Parks Loans and expenses of the Metropolitan Park Commission.
1897. 365. — An Act to authorize the Board of Park Commissioners of the City of Boston to lease lands or buildings under their control for boat-houses and other purposes.
1897. 379. — An Act relative to the building line and height of buildings on parkways, boulevards and parks.
1897. 394. — An Act relative to Parkways in the City of Boston.
1897. 396. — An Act to authorize the City of Boston to abate a portion of the betterment assessment made on account of the laying out of Dorchesterway.
1897. 464. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1897. 521. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for the construction of roadways and boulevards.
1897. 523. — An Act to provide for a highway around the Back Bay Fens in the City of Boston.







City of Boston.

DEPARTMENT OF PARKS.

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TWENTY-FOURTH ANNUAL REPORT

OF THE

# BOARD OF COMMISSIONERS

FOR THE

YEAR ENDING JANUARY 31, 1899.



PRINTED FOR THE DEPARTMENT.

1899.





# DEPARTMENT OF PARKS.

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## COMMISSIONERS' REPORT.

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HON. JOSIAH QUINCY,

*Mayor of the City of Boston :*

SIR, — The Board has the honor herewith to submit to you its report for the financial year of 1898–99.

Last winter the original plans for park construction were carefully revised, and by the omission of expensive buildings and other features which were not essential to the harmonious completion of the park system, and its enjoyment by this generation, the amount we finally considered necessary to complete the parks was cut down one-half, that is to say, from about \$3,000,000 to about \$1,500,000. Of this sum we have obtained \$500,000, and shall now be compelled to ask for the remaining million, after the expenditure of which, we believe that the period of park construction will be ended, and we confidently expect to show to the people of Boston something seldom seen, certainly in this country, a completed park system.

We may summarize the work of the year by saying that it has consisted principally in building boundary walls and planting boundary trees, and in planting trees along the parkways and in other parts of the parks where they have been much needed, notably in Wood Island Park, and in pruning and otherwise taking care of the old trees and shrubs much neglected during the many years of road building and other construction, thus giving freedom for new life and vigor to the trees and shrubs, and letting in the sunlight to the encouragement of the undergrowth and of the song birds who

make it their home; in building roads in somewhat delayed performance of our contract with Harvard College, on Peters' Hill, and the new Francis Parkman road by Jamaica pond, in both localities opening delightful views to the public; in Franklin Park, substituting a grassy glade for the expensive Greeting or concourse; in much loaming where no loam has been before, or where it has been put in insufficient quantities; covering over the old gravel pits, taking down the Galvin house and the sheep barn, and otherwise removing artificial blemishes from this beautiful park. In all our work we have endeavored, so far as consistent with proper park construction, to put things in such condition that the city will in the future be called upon for the least annual expense for maintenance.

The loss of Castle Island this year has been most severely felt, but we have the assurance of the War Department that it will be restored to us in the near future. Charlesbank, as usual, has afforded enjoyment and athletic training to thousands of persons, and multitudes, as in former winters, have frequented our various skating grounds.

The act of the Legislature, authorizing this Board, with the approval of the Mayor, to purchase playgrounds in different parts of the city, and appropriating \$500,000 therefor, not more than \$200,000 to be spent in any one year, was not approved by the City Council till December 31, 1898. Therefore no action under this statute has yet been taken. The crying need of the children in the densely populated parts of the city for something better than the streets to play in is manifest to all our citizens, and in view of the high value placed upon Boston real estate, \$500,000 seems all too small.

We believe that the city can wisely expend a much larger sum for this purpose.

We again call attention to the fact that our benevolent citizens can in no other way confer greater benefit on the community, or erect more enduring monuments of their public spirit, than by endowing the city with playgrounds.

All our available playgrounds are crowded in good weather, but to put some of them in condition for further and better use we need further appropriations from the city.



JAMAICA POND, PINE BANK IN DISTANCE.







## 5

The details of the year's work are clearly and fully set forth in the reports of our Superintendent and of our Engineer, and the details of our expenditures in the financial statements which accompany our report.

Respectfully submitted,

CHARLES E. STRATTON,  
LABAN PRATT,

*Commissioners.*

Boston, January 31, 1899.



## SUPERINTENDENT'S REPORT.

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TO CHARLES E. STRATTON, LABAN PRATT,

*Commissioners :*

GENTLEMEN, —I herewith submit a report of the work performed, under the direction of your Board, in this department, during the year 1898 :

### FRANKLIN PARK.

In carrying out the design of your Board to preserve and accentuate the New England woodland character of Franklin Park, it became necessary to remove quantities of exotic trees and shrubbery which did not blend harmoniously with the native plants ; such old friends as the common and Thunberg's barberry, the common privet and a few others have been retained ; although not indigenous, these seem, by long association and fitness, to belong to New England's woodlands.

The thinning out of overcrowding trees was completed early last spring. The beneficial result of this work of the past three winters is now quite evident in the great improvement in the health and growth of the remaining trees ; the increase of underwood, encouraged by the admission of light, has heightened the natural effect, relieving the woods, in a great measure, from the monotonous appearance where trees are allowed to grow thickly together to their mutual destruction ; to the destruction, also, of the undergrowth, the varied forms of which add so much that is charming in woodland scenery.

The improvement of the Glade has been nearly completed. Drainage has been provided for its marshy hollows by cutting through the rock for a connection with the Nazingdale meadow drain. The Glade and the woods on either side, which were very deficient in soil covering, have been given a six to ten-inch dressing of good loam and seeded with grass.

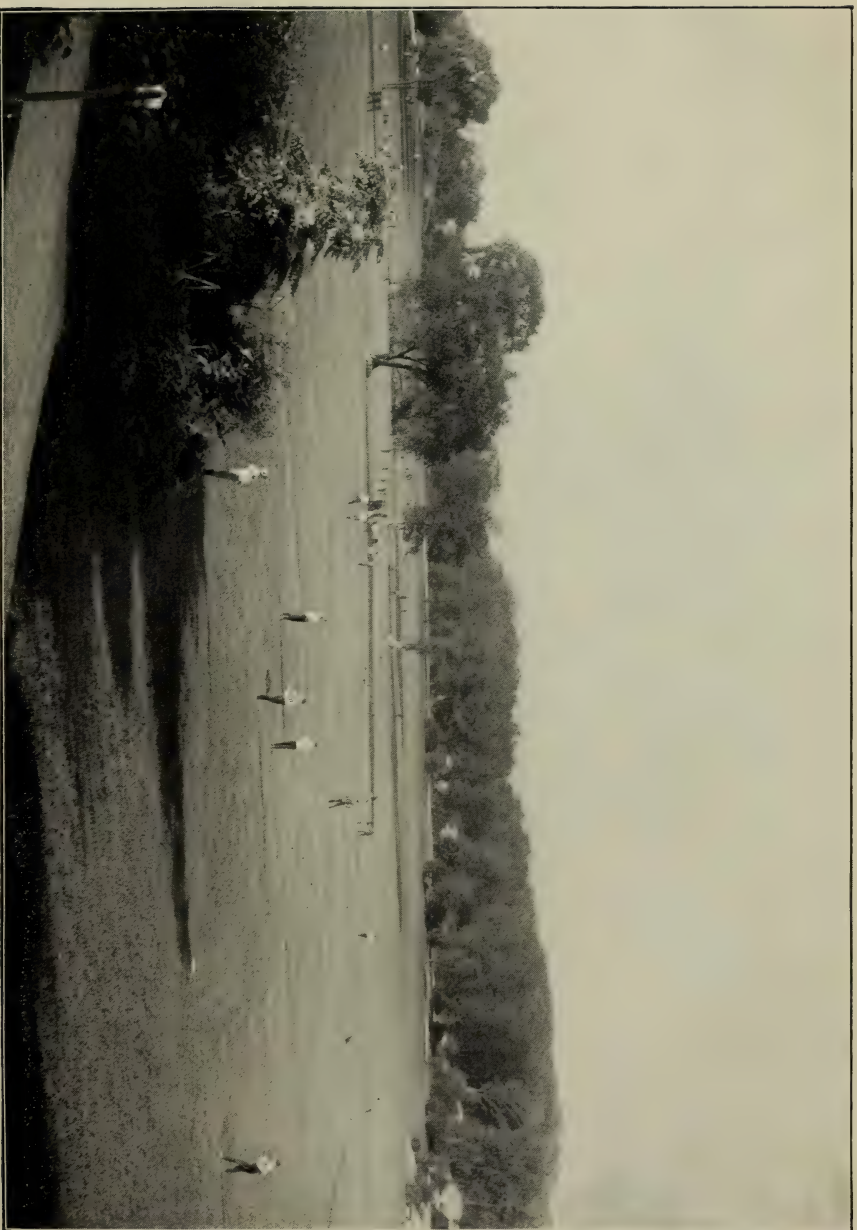
This treatment will invigorate the trees that have suffered from exposure of roots and want of nourishment. These woods are set apart for picnic purposes and are subjected to hard usage, so that undergrowth cannot exist except in a torn and dilapidated state. Several knolls and pieces of high ground that were needed for planting to emphasize the glade-like character of the surroundings, were liberally covered with loam, the ground being first plowed with a subsoil plow; this treatment cannot fail to produce vigorous growth in the plantations. The result of the work is very satisfactory, transforming an unkempt tract of ground covered with piles of stone, loam and other material, into a pleasing turf-covered Glade. A pathway on one side, meandering within the shade of the bordering woodland, gives easy access from Blue Hill avenue to the children's playground, while the Glade, conveniently near the shade of the picnic woods, serves as a playground for picnic parties.

Among the important operations of the past season has been the laying out of bordering plantations, important in the necessity for producing as soon as possible a screening belt of woodland on the borders of the park. This bank of foliage serves to give seclusion as well as to form a background for views within the park, which contains in its centre a magnificent meadow; across its rolling contour are to be found the most delightful landscape effects, which are now marred in places by the intrusion of street life with its accompaniment of trolley cars, telegraph poles and other features destructive of quiet retirement.

It is not desirable nor necessary to omit the planting of any part of the borders of Franklin Park in the fear of shutting out views of interest lying beyond the park; there are many elevated points on the drives and walks where extensive outlooks can be obtained, a notable one being that from Hagborn Hill, where a view to the Blue Hills — six and a half miles away — is one of seemingly unbroken forest. For these reasons the work of planting the borders has been vigorously prosecuted during the past year.

Plantations have also been made at the old Williams house site and on the hillside bordering the Glade; much has also





THE PLAYSTEAD, FRANKLIN PARK.



been done on the borders of plantations and old woodlands in the way of planting witch and common hazels, red-buds, dogwoods, June-berries and thorns, in the effort to extend the foliage line nearer to the ground.

Two gangs of four men each were kept steadily at work pruning trees, from June of the past year until the fall of the leaves. In the work of cutting out dead, diseased, or interfering limbs, the men are becoming expert; they begin to comprehend its importance, and to understand the art of pruning to correct defects in form or constitution.

The old gravel pits on the line of Scarboro' Pond have been filled and graded to an undulating slope, reaching from the winding of the road near the top of Scarboro' Hill down to the tennis grounds, thereby opening a very pleasing view of the meadow below. Projecting knolls and bluffs have been prepared, or are in preparation for planting at the proper season, which will add materially to the woodland effect of Scarboro' Hill on the north.

A marked improvement has been made on the west and south slopes of the Hill, by the removal of the sheep barn and the Galvin house. The service roads to the house, the exotic trees and shrubs have also been removed in the endeavor to restore this beautiful piece of woodland to a natural condition. The site of the greenhouses and barn including the slopes have been graded and loamed, and are now ready for the planting of forest trees.

The nurseries have been enlarged to accommodate the increasing stock of trees and shrubs added by purchase or propagation; the stock is large and in fine condition. Further extensions are necessary to receive the thousands of seedlings of native trees and shrubs now ready to be transferred from the seed beds to nursery rows.

We have continued the transplanting of large trees during the past year. While this practice cannot generally be defended on account of its costly character and danger of loss, yet the circumstances seemed to warrant it in our case. The trees are fine ones, ranging from hemlocks and white pines, six to ten feet high, to oaks, hard maples, ash and linden, four to eight inches in diameter. Planted in groups, eight

or ten years ago, they were injuring each other by overcrowding, and it seemed wasteful to apply the axe, in spite of the extra cost. Those transplanted one year ago are in fine condition, and well repay the cost. The method employed is the removal of the tree with a large frozen ball of earth, and thinning out the branches sufficiently to compensate for root cutting. There will be little further need of transplanting large trees; an abundance of fine stock of convenient size can be had from the thinning out of young plantations which have been set out during the past two years.

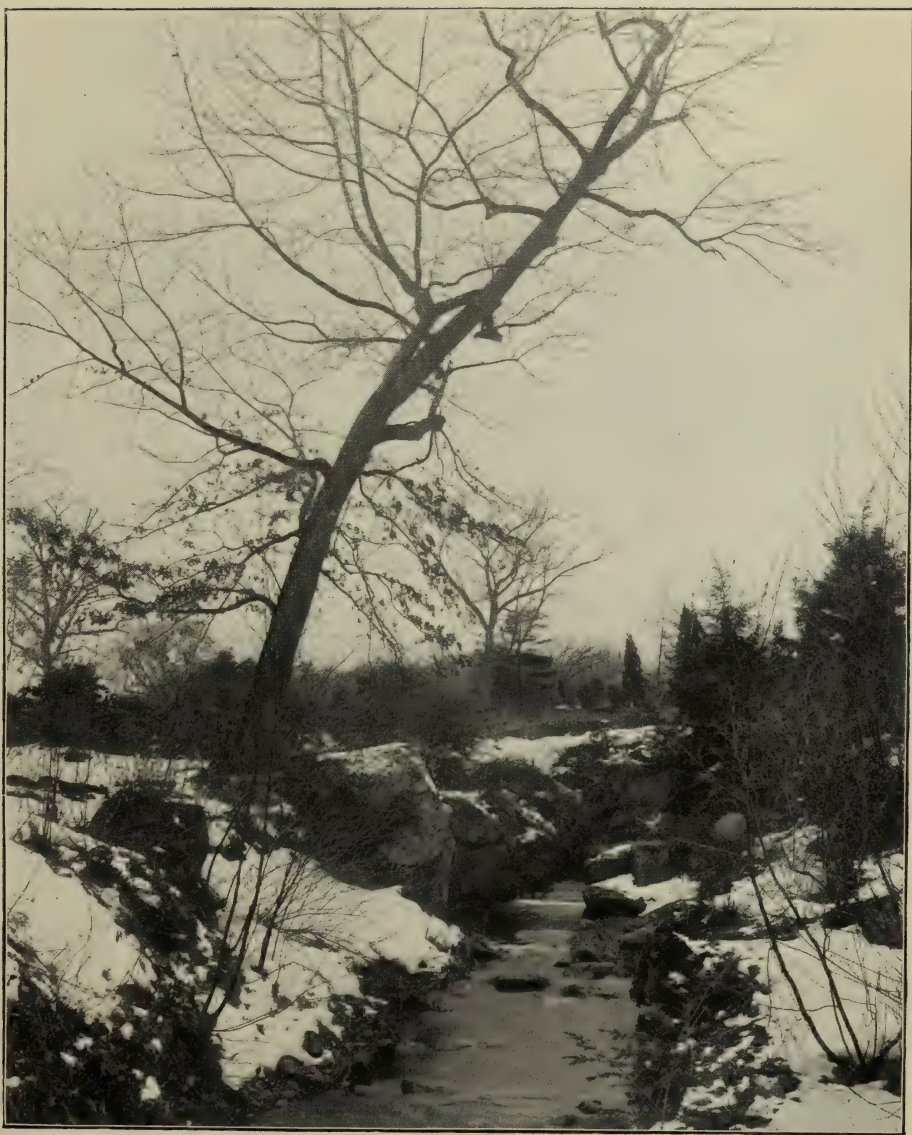
The foundation of Seaver street boundary wall has been laid, and a contract made for the erection of the superstructure. The Forest Hills traffic road has been partially completed and opened for use, which relieves the Arborway crossing at Forest Hills street from funeral processions.

Abbotswood, having been very popular as a resort for picnic parties, for many years past, shows the effect of wear; the loam, from want of undergrowth to hold it in place, has washed down the slopes, exposing the roots of the trees to their injury and, eventually, to their destruction. To correct this the surface has been partly dressed with loam to a depth of six or seven inches, which when completed, will be seeded in grass, and picnic parties will be excluded during the coming season at least.

To provide a site for an administration yard to contain stable, shops, sheds, etc., an excavation was made during the past season in the hill at the nursery, the material excavated being used to fill up the swamp on the Morton street boundary nearby. The yard location is very convenient and easily screened from view.

A brick stable 74 by 38 feet containing twenty-seven stalls is nearly completed. The retaining wall of the bank surrounding two sides of the yard is now under construction, loose rocks from the grounds being used for the purpose. When completed this will serve for a back wall for sheds and shops, plans for which are now in preparation in our Engineering Department for the consideration of your Board.





THE BROOK, ARNOLD ARBORETUM.



### THE ARBORETUM.

The construction of the road around Peters' Hill was completed during the past season, excepting the connection across the new line of Bussey street, which required a deep fill; this was reserved for winter work. The construction of this roadway adds 1.2 miles to the total length of drives, and is remarkable for its commanding position; from no other location can such magnificent views of the charming scenery around Boston be obtained. The grading of the road slopes has been nearly completed in readiness for planting and the walks will be constructed at the opening of the season.

The Arboretum, or Bussey ledge, produced a very fine quality of macadam, during the past season, and the work of production was handled with skill and economy.

### WEST ROXBURY PARKWAY.

This tract extends from the Walter street entrance of the Arboretum to the Stony Brook Reservation; it is of varying width, and contains much fine timber. The purpose of its development is to provide a parkway connection between the Boston Park System at the Arboretum, and the Metropolitan System at Stony Brook Reservation, a distance of 2.4 miles. A roadway is now being staked out, and studies of its drainage and construction are being made, awaiting the funds necessary for building the road. During the past winter the woodlands throughout this parkway have been cleared of dead and overcrowding trees.

### JAMAICA PARK.

The completion of the construction of the Francis Parkman road on the west bank of Jamaica Pond, and the improvement of Perkins street, during the past summer, have opened a new road connection of great beauty between the Brookline road, and the Arborway at Pond street. A footpath has also been made along the bank above the edge of the pond within the timber line; the slopes have been graded and planted with pines, hemlocks, beeches and birches, and a



variety of native shrubs. A large quantity of loam was used where the soil seemed to be thin or poor.

A carriage shed of five stalls has been built for service at the Headquarters Building at Pine Bank, and the old Perkins barn taken down. The removal of the neck on which the barn formerly stood — a work that has been ordered by the Board — will lengthen a pleasing ravine effect extending back from the water to the northward.

When the Perkins street, and Prince street boundary walls — now under contract — are completed, the heavy construction work of Jamaica Park may be said to be finished, with the exception of the area at Pine Bank, on which work will be commenced at the opening of spring.

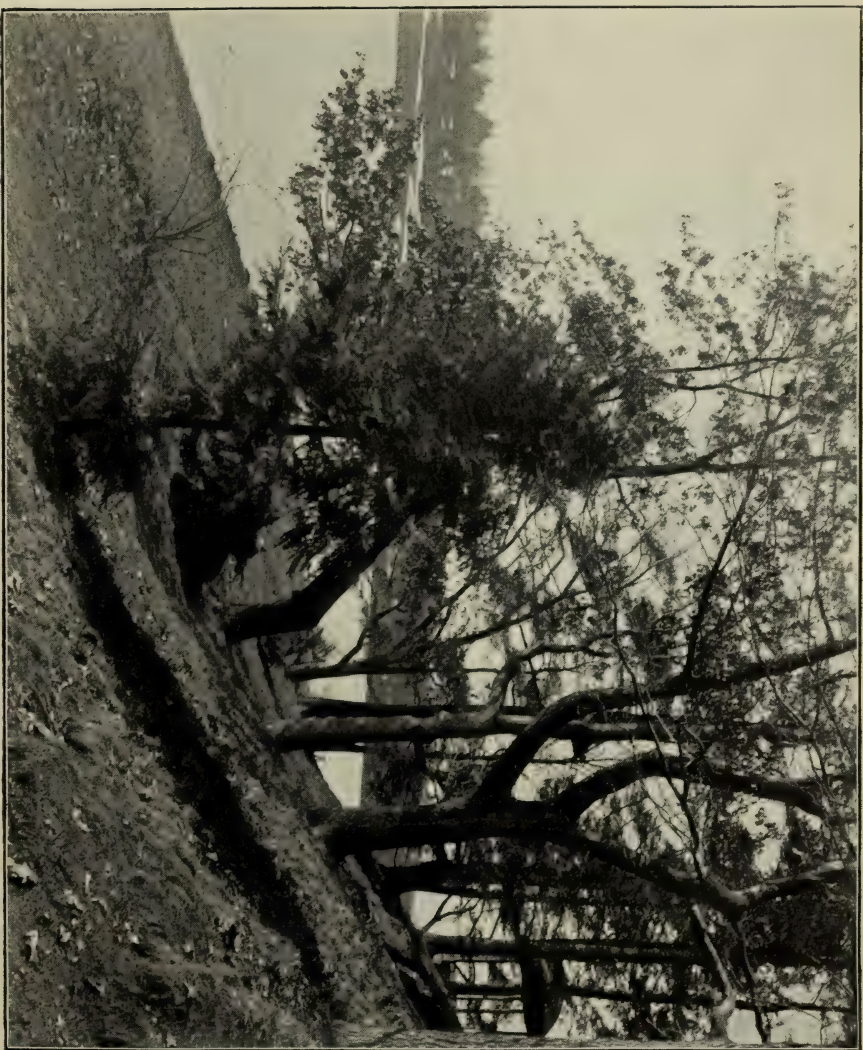
#### LEVERETT PARK.

Little has been done at Leverett Park. The improvements planned had only been commenced, when cold weather set in and stopped the work. The old pumping-station was taken down, in itself a marked improvement, removing as it did the suggestion of a factory within the park. Some work was done towards filling up the small ponds. The greater part of the boulders, scattered about, was removed and used for the wall foundations at Jamaica Park. The rearrangement of the old plantations was continued during the year; and additional plantations were made, notably the one in the open space north of Willow Pond road. A plantation of kalmias was introduced on the east bank of Spring Pool, while a continuation of the same bank running northward is in preparation for rhododendrons, next to which a colony of azaleas is to be planted. In a few years, this bank, with such treatment, can hardly fail to be very interesting and attractive when viewed from the walk on the opposite side of the chain of pools.

#### CHARLESBANK.

This popular playground and gymnasium maintained its reputation as a resort for young people. The afternoon classes commenced at four o'clock, in order to accommodate





JAMAICA PARK, SHORE OF POND AT PINE BANK.



school boys, who attended in large numbers and carried on the work with enthusiasm. Every effort was made to induce the pupils to engage in class work, which is designed to assist in the physical development of the human body by a systematic exercise of all its parts. The intent and purpose of the work of the gymnasium at Charlesbank is body building, not the training of athletes in any special lines, although advanced or well-developed pupils are permitted to indulge in athletic work, under the direction of the instructor. The evening classes commenced at eight in the evening, and were designed to accommodate young men after business hours. These classes were well attended and were productive of much good, benefiting the young men both from a moral and a physical point of view. A public exhibition of the work of the pupils was held on July 30, at Charlesbank, before a large and appreciative audience. The work performed both in classes and athletic specialties was very good, and reflected great credit on Mr. J. W. Bowler, the instructor, under whose skilful direction such results had been attained.

The baths in connection with the gymnasium, being free to all, are a great boon to the residents of the populous neighborhood. During winter the gymnasium grounds were flooded for skating and used by thousands.

By order of your Board, the turf and tree-covered mounds were thrown open to women, and to children under fourteen years of age. Thousands of them enjoyed the privilege during the past hot summer, without doing serious harm to the trees or grass. A few shrubs were damaged, a matter of small consequence as compared with the pleasure and comfort of the little folk who enjoyed Charlesbank as never before.

A neat iron picket fence, five and one-half feet high, was erected on the east and west ends of the park and returned along the Charles-street front to the end of each gymnasium.

#### NORTH END BEACH.

Conforming to a change of plan, these grounds were, early last spring, graded and covered with finely screened cinders in order to form a simple playground or open space; a trench



filled with loam was prepared along the street border for the planting of trees, and an iron picket fence was erected on the north line. It was deemed best by your Board to adopt this method of treatment in preference to one entailing an elaborate system of walks and planted borders, the requirements of the locality being open spaces for the recreation of its dense population.

The piers undoubtedly have been a great blessing to the neighborhood; extending over the water as they do, coolness is added to the shade found beneath their roofs. During the hot season the benches, constructed last spring, were always occupied.

During the summer the bathing-houses and beach were turned over to the care of the Bath Commission; your Superintendent received the charge again at the close of the bathing season, when an embankment or dam was thrown up along the head of the beach and the grounds behind flooded, to provide for skating.

#### COPP'S HILL TERRACES.

The slopes of the terraces were planted in the spring, but the shrubbery suffered severely from the gambols of the children living in the district, who swarmed over walls, copings and planted grounds, making it necessary for the department to contract for iron picket fences on walls and copings in order to confine the children to the broad, granolithic spaces intended for their gatherings. These fences are now under construction, and it is hoped they will sufficiently protect the newly planted trees from injury. Designs are now being made for two rows of fixed iron-framed benches, one row to be placed on each terrace, for the use of mothers with small children, with whom the place is very popular.

#### WOOD ISLAND PARK.

The construction of walks was continued at this park and completed with the exception of a section or two, which cannot be made until other work is done with which they connect. Loaming was also nearly completed and a



large quantity of trees were planted last spring, and, in spite of the fact that they were almost denuded of foliage, and the bark lacerated by a hail storm in July, they have made a fine growth and bid fair to prove that the islands of the harbor can be again covered with timber, their conditions of exposure being nearly similar to those existing at Wood Island.

An iron foot-bridge has been erected across the Revere Beach and Lynn Railroad, from the foot of Prescott street, landing on the high ground within the park. This will remove all excuse for crossing the railroad at grade, which dangerous practice has been common at the most used entrance to the park.

To meet the demand for bathing, the bathing-house on the beach was enlarged, and ninety bathing-closets built, the beach being cleared of stones and boulders, and covered with a layer of sand. The control of the establishment was then placed in the hands of the Bath Commission for the season.

The planting to be done in the spring will complete that work in this park; the ground is ready and the stock is in the nursery. The trees have been planted very thickly so as to enable them to protect each other while young; they also comprise many species, which will afford a larger variety from which to select, at thinning time, the most suitable in point of hardiness for permanent trees.

The gymnasium, under the direction of the instructor, Mr. James R. Walsh, has been well attended, two afternoons in the week being set apart for women's and girls' classes. Class work here, as at Charlesbank, has been encouraged and maintained as the legitimate work of the gymnasium. The gymnasium and ball grounds were flooded as usual during the winter, and a good season of skating was enjoyed by large crowds, numbering some days as high as 5,000.

By the completion of the walks, Wood Island was, last season, much more available and was more generally appreciated by the public, the playgrounds were in great demand for games of baseball, cricket, tennis and football, while the walks and beach were patronized by large numbers. When the trees are grown sufficiently to give shade to the grassy slopes, from which fine views are obtained of the island-dotted

harbor, the full benefit to East Boston of this charming breathing space will be still more appreciated.

#### CHARLESTOWN HEIGHTS.

The most important work here during the past season was the construction of a sand-covered bathing beach, which, when completed, was turned over to be operated by the Bath Commission.

#### MARINE PARK.

On the grounds surrounding the natural history pools a liberal covering of loam was spread, amounting to about 18,000 cubic yards. Trees and shrubbery will be planted in the coming spring, and walks will be laid out. On the largest pool miniature yacht sailing will be encouraged, and a beach walk made around its shore for the accommodation of those with toy boats.

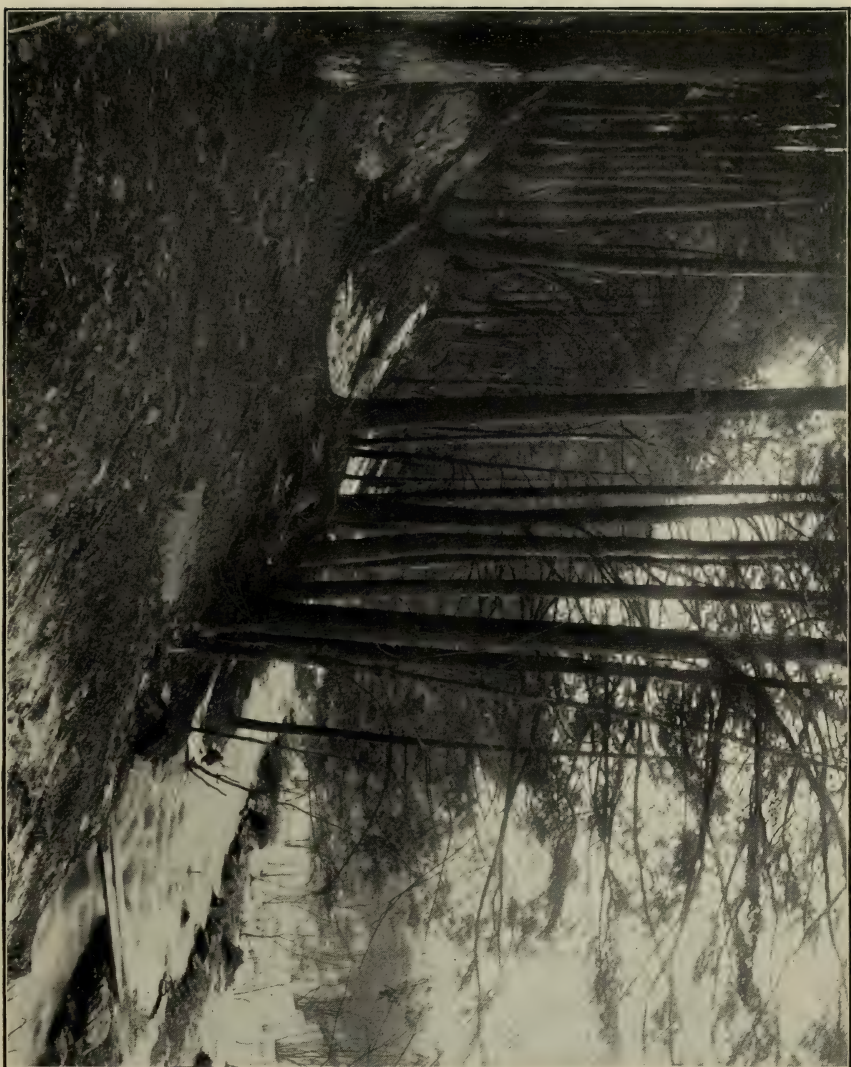
A bordering strip along Q street was loamed and planted with hardy trees and shrubs, to provide seclusion for the lawn within.

The unsightly board walk leading from Q street to the Head House was taken up, and one of cinders laid in its place.

For the gratification of the large number of people visiting Marine Park the fences were taken down and the lawns thrown open, thus giving the public an opportunity to sit on the grass and enjoy the music of the Municipal Band. No permanent damage even to young trees resulted. The turf often appeared worn, and the shrubs a little broken, but before another season the shrubs can be removed, and the spot given up to those loving simple grassy shade.

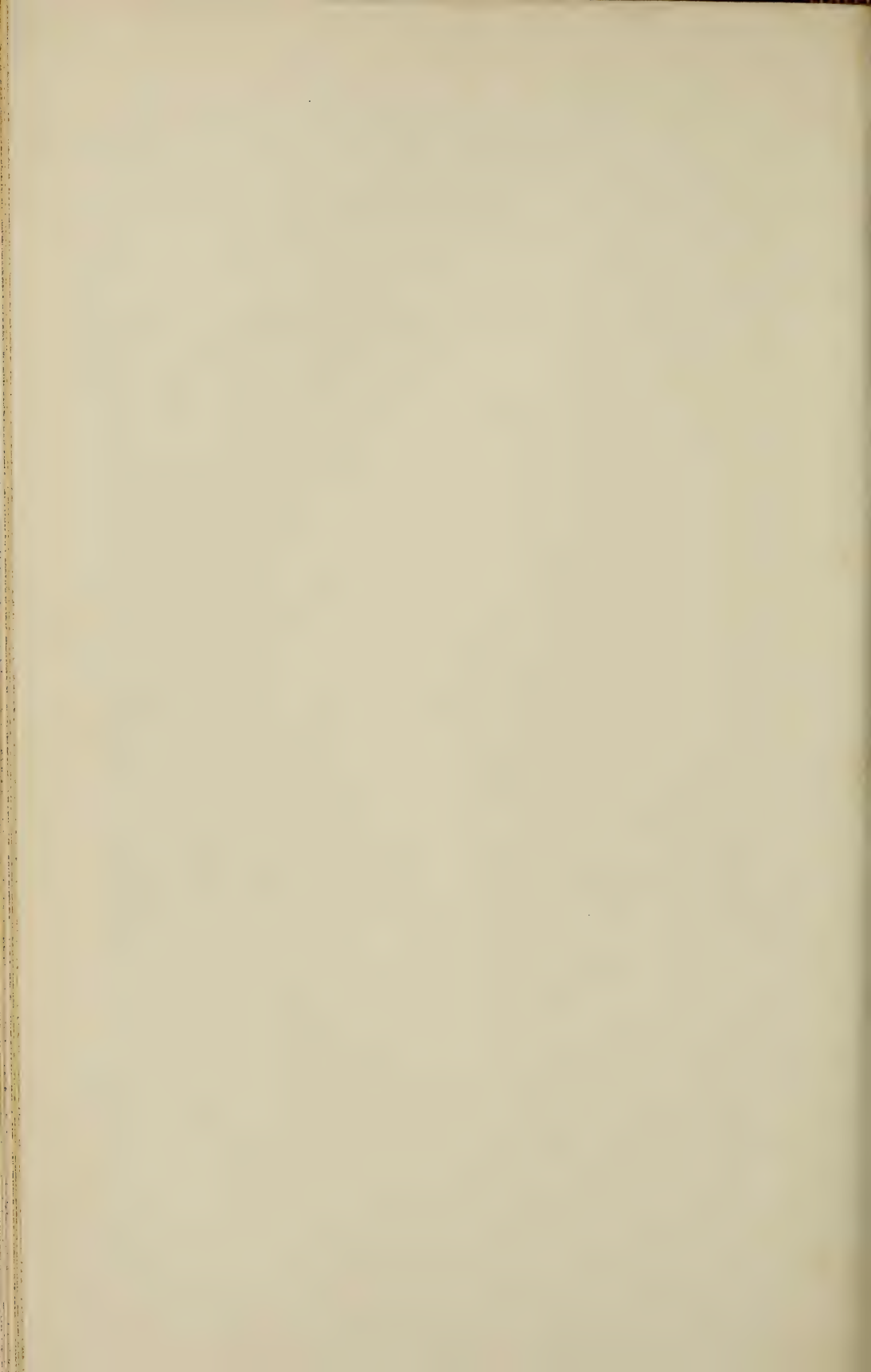
The capacity of the bathing-house was taxed on several occasions last summer, and an extension of its accommodations may be necessary the coming season, plans for which are now in preparation by the department.

The sgraffito work ornamenting the Head House became badly damaged by weather exposure, necessitating the renewal of many of the panels. This was done; the joints in the front of the building were calked and puttied, and the woodwork oiled.



EDGE OF THE HEMLOCK WOODS IN THE ARBORETUM.







## 17

The storm in November did considerable damage to the railings, seats and floor of the bridge to Castle Island. With the exception of replacing the fixed seats this damage has been repaired.

Castle Island was closed to the public last season, being used by the United States Government for defensive purposes during the war with Spain.

## DORCHESTER PARK.

No work of improvement was done on this park last season, other than that of thinning out overcrowding and dead trees. Being a beautiful piece of natural, rocky, undulating woodland, intersected by winding trails, it is a favorite resort for family picnic parties. A water-pipe was laid to the picnic shelter last spring, and a section of the boundary wall has been ordered by your Board to be built next spring.

## PLAYGROUNDS.

## FRANKLIN FIELD.

The portions of the boundary which were loamed and prepared in 1897, were last spring planted with trees. The large farm barn at the south-west corner of the Field was thoroughly overhauled and fitted up for a sheep-fold, where comfortable accommodations were provided for 350 sheep. A stock pasture was fenced, as were also the boundaries on the west and south sides. The farm-house was repaired and painted for the use of the shepherd, the whole forming a compact and convenient farmstead, located where it can be screened from the Field by appropriate planting. The transfer of the sheep-fold from Franklin Park to Franklin Field has removed a disfiguring blot from the slopes of Scarboro' Hill.

Five diamonds were laid out on the playground, and back-stops erected at each. The grounds were flooded and prepared for skating the past winter, the ice being lighted by electric lights, and a fairly successful season was enjoyed by a large number of people. The popularity of the playground increases with each season, its forty acres of available surface,

level as a table, offering fine facilities for tennis, cricket, baseball and football, as well as for other games of like character.

#### CHRISTOPHER GIBSON PLAYGROUND.

*(Area 6 acres.)*

The old "Dorchester Town Field," used for baseball and football games. The low-lying portion was flooded the past winter for skating. The requirements are filling and fencing, sanitary and shelter buildings.

#### NEPONSET PLAYGROUND.

*(Area 18 acres.)*

This playground is a salt marsh. A portion of it was underdrained last season, the old water-course winding through its centre was abandoned and partly filled up, a new ditch being excavated on one side of the playground to receive the drainage of the district. A large quantity of filling was received and spread on the drained portion, a dam was thrown up and the surface flooded and used for skating during the winter. The development of this ground requires drainage and filling.

#### BILLINGS FIELD.

*(Area 11 acres.)*

La Grange street, West Roxbury. About 20,000 cubic yards of filling were received at this playground during the year. Probably 3,000 cubic yards more will be needed to complete the filling of the bog land, when, after being tile drained, it may serve for ball games. The low grounds were flooded last season and used for skating.

#### NORTH BRIGHTON PLAYGROUND.

*(Area 14 acres.)*

Western avenue and North Harvard street. Eleven acres of this playground is salt meadow. Three acres adjoining Western avenue have been graded, and are used as a playground. Plans are under consideration for a salt water

swimming pool, on the meadow, to be supplied from the Charles river. Sanitary and shelter buildings are needed.

#### CHARLESTOWN PLAYGROUND.

*(Area 1½ acres.)*

Corner Main and Alford streets. About ten acres of this playground has been filled to grade, a large portion of which has been levelled off and is in use as a ball ground. A part of these grounds was flooded and used for skating the past winter.

#### MYSTIC PLAYGROUND.

*(Area 2 1-4 acres.)*

Chelsea street and Mystic River, Charlestown. This playground has a simple cinder-covered surface. Fences, sanitary building and shelter are among the improvements needed.

#### FIRST-STREET PLAYGROUND.

*(Area 5 acres.)*

A six-lap running track is laid off at this playground, which last summer was equipped with electric lights for night work. Accommodations are provided for two base ball diamonds, and by flooding the grounds good skating was had during the winter. The requirements are sanitary and shelter buildings, and enclosure by fencing.

#### FELLOWS-STREET PLAYGROUND.

*(Area 3-4 acres.)*

During the past season this playground was graded level and covered with fine cinders, and loam borders were made for a row of trees, which will be planted next spring. A fence is much needed for the protection of children, and to prevent the ground from being used as a convenient cut-off. The fence, too, would serve to protect the newly planted trees. Other improvements contemplated comprise a row of fixed benches and a few pieces of simple apparatus for children. A sanitary building and a shelter also are among the requirements.



## NORTH END PLAYGROUND.

*(Area 1-4 acre.)*

Prince and North Bennet streets. This new playground was created by tearing down crowded tenement buildings. Last spring it was graded and covered with finely screened cinders. It adjoins Paul Revere School, and is simply treated as an open space to permit of the free romping of the children, who crowd it frequently beyond its capacity.

## THE PARKWAYS.

Between the Public Garden and Franklin Park there are 26.2 miles of driveway, over a large portion of which the traffic is heavy, and the wear and tear necessarily great. The method employed to keep these road surfaces smooth, is to first soak the roadway by continued heavy watering, and with steam rollers of seventeen tons weight, to roll the face until all projecting pieces of macadam are driven in flush with the surface. A slight sprinkling of coarse stone screenings is then applied, where needed, to fill up interstices in the macadam, and the rolling continued until a smooth, firm surface is obtained. This treatment is given from four to six times during the season, according to the individual necessities of each portion of the road. With close attention of this character, it is seldom that ruts or holes have a chance to develop, and the maintenance of a smoothly or well kept road is much less costly in proportion, than that of one roughly maintained, apart from the advantage of the much longer life of a smooth road over one that is rough or ill-kept. The absence of a cushion of loose material, too, is an advantage in point of more freedom from dust or mud.

The stunted appearance of the line trees, planted along the parkways, induced an examination of their conditions, when it was found that they were planted in a shallow strip of loam, surrounded by coarse, gravelly sand. The trees were starving for want of nutriment and moisture, and were practically worthless in their various stages of decrepitude. It was decided to renew the whole plantation throughout the Fens. First, the planting space was excavated and made



much larger and deeper, then filled with good loam, and planted with Norway maples, as being a more suitable tree for the existing conditions, than the kinds they displaced. About 10,000 cubic yards of loam was used in this work. The border for trees between the Fens and Perkins street requires similar treatment, as regards the enlargement of the loam space. When this is done the work of reinforcing the line borders with loam will be finished.

Red oaks have been planted on the borders of the parkways between Franklin Park and Huntington avenue. Many of them are small, but they are the best that could be procured.

Solid plantations of shrubbery were made in the loam spaces on the Arborway, between Pond and Centre streets, and between Franklin Park and South street.

Respectfully submitted,

J. A. PETTIGREW,

*Superintendent.*



## ENGINEER'S REPORT.

MR. J. A. PETTIGREW,

*Superintendent of Parks :*

DEAR SIR,— I herewith submit a statement of the principal work done in the several parks (not including planting) during the year ending January 31, 1899:

## COMMONWEALTH AVENUE.

Walks resurfaced (cinders) . . . 2,400 square yards.  
Curbstone reset . . . . . 250 linear feet.  
A new wearing floor has been laid on Charlesgate bridge.

## THE FENS.

Excavation for tree spaces . . . 8,700 cubic yards.  
Loam bought and spread on plantations, 8,700 cubic yards.  
Iron fence erected at Stony Brook bridge,  
including four double gates . . . 180 linear feet.

An automatic tide-gate for delivering into the Fens pond, at each tide, a supply of clean water, from the Charles river, has been placed in the culvert under Brookline avenue.

The Street Department has completed the Ipswich-street bridge over the Charlesgate channel, and has completed the permanent abutments and erected a temporary wooden bridge over Ipswich street at Charlesgate West.

## RIVERWAY.

Longwood-avenue bridge is nearly completed. It was opened to travel December 29, 1898.

Building erected (cart shed), 1.

## LEVERETT PARK.

The pumping station on Chestnut street, erected in 1875 by the Jamaica Pond Aqueduct Corporation, has been removed and its site graded.

A system of stone and pipe drains has been laid to conduct into Ward's pond the leakage from Jamaica pond.

One of the small ponds west of Ward's pond has been filled with gravel and stones, and 200 linear feet of retaining wall has been removed.

#### JAMAICA PARK.

Driveways surfaced (macadam) .75 mile, 10,800 square yards.

Walks surfaced (cinders and macadam)

.57 mile . . . . . 2,700 square yards.

Gutters paved (granite block) . . . 1,697 square yards.

Drain-pipe laid:

12-inch . . . . . 182 linear feet.

10-inch . . . . . 161 linear feet.

8-inch . . . . . 625 linear feet.

4-inch . . . . . 1,225 linear feet.

Water-pipe laid: (2 inch) . . . 200 linear feet.

Boundary wall built . . . . . 224 linear feet.

Retaining " " . . . . . 35 linear feet.

Foundation for boundary wall laid . . 2,650 linear feet.

Stationary seats built . . . . . 257 linear feet.

Excavation for tree spaces . . . . . 400 cubic yards.

Loam bought and spread on plantations, 18,000 cubic yards.

Building erected (horse shed) . . . 1

Drinking fountains erected . . . 2

Catch-basins built . . . . . 16

The old Perkins stable at Pine Bank and the old stone gate-house near corner of Perkins and Chestnut streets have been removed.

Manholes have been built over the underground chambers of the gate-house and the bottom of the culvert, under Perkins street has been paved. When the proposed openings in the gate chamber partitions, for controlling the height of the water in Jamaica Pond have been made, the overflow from the pond will pass through the culvert and over the cascade into Ward's Pond.



## ARBORWAY.

Driveway ballasted ( $\frac{1}{4}$ mile)	. . . . .	4,580 square yards.
Gutters repaved	. . . . .	178 square yards.
Boundary wall built	. . . . .	375 linear feet.

A new wearing floor has been laid on the bridge over Stony Brook.

The laying of the 48 inch water main through Jamaica Park and the Arborway from Perkins street to Morton street by the Metropolitan Water Board has been completed.

## ARNOLD ARBORETUM AND BUSSEY PARK.

Driveway graded	. . . . .	0.1 mile.
Driveway surfaced (1.1 mile)	. . . . .	14,370 square yards.
Gutters paved (cobblestone)	. . . . .	3,522 square yards.
Drain-pipe laid (8-inch)	. . . . .	1,100 linear feet.
Catch-basins built	. . . . .	31

Gateways for the five entrances to the Arboretum north of Bussey street are completed, and iron gates for them are being constructed.

## WEST ROXBURY PARKWAY.

Locations of proposed driveways		
cleared of trees and brush	. . . . .	1.45 miles.

## FRANKLIN PARK.

Driveways surfaced (macadam)	0.15 mile . . . . .	3,100 square yards.
Walks surfaced (cinders and macadam)		
1.2 mile	. . . . .	7,050 square yards.
Gutters paved (granite block)	. . . . .	126 square yards.
Curbstone set	. . . . .	378 linear feet.
Drain-pipe laid:		
18-inch	. . . . .	660 linear feet.
12-inch	. . . . .	202 linear feet.
10-inch	. . . . .	509 linear feet.
8-inch	. . . . .	517 linear feet.

## 26

6-inch . . . . .	480 linear feet.
4-inch . . . . .	171 linear feet.
1½-inch to 4-inch tile . . . . .	1,884 linear feet.
Manholes built . . . . .	3
Catch-basins built . . . . .	4
Water-pipe laid :	
4-inch . . . . .	100 linear feet.
2-inch . . . . .	50 linear feet.
Drinking fountain erected . . . . .	1
Iron fence built (Schoolmaster hill) . . . . .	803 linear feet.
Foundation of boundary wall laid (Seaver street) . . . . .	3,000 linear feet.
Loam bought and spread on planta- tions . . . . .	72,000 cubic yards.
Building erected (stable) . . . . .	1

## FRANKLIN FIELD.

Wooden boundary fence built . . . . .	1,800 linear feet.
Electric lamp-posts erected . . . . .	11
Drain-pipe laid (8-inch) . . . . .	200 linear feet.
Loam bought and spread on plantations, . . . . .	5,000 cubic yards.

The Ward barn has been made into a sheep barn, and the house repaired for the use of the shepherd.

## DORCHESTER PARK.

Water-pipe laid (2-inch) . . . . .	400 linear feet.
Drinking fountain erected . . . . .	1

## STRANDWAY.

Sea-wall built . . . . .	1,251 linear feet.
Filling deposited in place . . . . .	72,000 cubic yards.
Loam spread on plantations . . . . .	2,950 cubic yards.
Wooden wharf built . . . . .	1

The sea-wall is completed, but about 21,000 cubic yards of filling will be necessary to complete the grading back of the wall.

The Boston Yacht Club has erected its club-house and the houses of the South Boston and Mosquito Fleet Yacht Clubs are under construction.

#### MARINE PARK.

Walks graded and surfaced, 0.1 mile .	1,100 square yards.
Gutters repaved . . . . .	56 square yards.
Curbstone set . . . . .	161 linear feet.
Loam bought and spread on plantations . . . . .	19,300 cubic yards.

#### WOOD ISLAND PARK.

Walks surfaced, 0.25 mile . . . .	1,630 square yards.
Drain pipe laid :	
4-inch . . . . .	560 linear feet.
2-inch . . . . .	50 linear feet.
Area loamed and plowed . . . .	3.3 acres.
Building erected . . . . .	1
Area of bathing beach cleared of stones and covered with sand . . . .	0.5 acres.
Stationary seats built . . . . .	275 linear feet.

The foot-bridge over the Boston, Revere Beach and Lynn Railroad at Prescott street is nearly completed.

#### CHARLESTOWN HEIGHTS.

Area graded and loamed . . . .	0.2 acres.
Area of bathing beach graded and covered with sand . . . . .	0.86 acres.

#### CHARLESTOWN PLAYGROUND.

Area filled since the land was taken, in 1891 . . . . .	7.6 acres.
Area of mill pond not yet filled . . . .	3.2 acres.

#### COPP'S HILL TERRACES.

Iron fence erected . . . . .	300 linear feet.
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## NORTH END BEACH.

Iron boundary fence erected . . .	197 linear feet.
Area regraded and covered with cinders, . . .	1.7 acres.
Electric light-posts erected . . .	4
Electric light cable laid . . .	485 linear feet.
Loam bought and deposited in tree spaces . . . . .	774 cubic yards.

A boat-landing and ticket-office for the Park Boat Service has been provided at the men's bath-house pier.

## CHARLESBANK.

Iron boundary fence erected . . .	1,120 linear feet.
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## FELLOWS-STREET PLAYGROUND.

Catch-basin built . . . . .	1
Drain-pipe laid (8-inch) . . . . .	35 linear feet.

The whole playground has been regraded and surfaced with cinders, and a tree space ten feet wide along the boundaries has been excavated and filled with loam.

## BILLINGS FIELD.

Area filled and partly graded . . .	5.74 acres.
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## NEPONSET PLAYGROUND.

Area filled and partly graded . . .	4.6 acres.
Drainage ditch excavated . . . . .	1,085 linear feet.
Drain-pipe laid:	
10-inch . . . . .	364 linear feet.
8-inch . . . . .	600 linear feet.
2-inch tile . . . . .	1,320 linear feet.
1½-inch tile . . . . .	3,210 linear feet.
Catch-basins built . . . . .	4
10-inch outlet gates for skating pond . . .	2



## CHRISTOPHER GIBSON PLAYGROUND.

Curbstone set . . . . .	56 linear feet.
Gutters paved (cobblestone) . . . .	26 square yards.

## NORTH END PLAYGROUND.

Area graded and covered with cinders, 0.26 acre.

Respectfully,

C. E. PUTNAM,

*Engineer.*

## FINANCIAL STATEMENTS.

## I.

*Expenditures for Land, Construction and Maintenance from  
February 1, 1898, to January 31, 1899.*

PARKS.	Page.	Land.	Construc- tion.	Mainte- nance.	Totals.
<b>Main Park System:</b>					
Commonwealth avenue...	31		\$3,353 45	\$12,759 86	\$16,113 31
Fens .....	31		18,981 75	10,509 44	29,491 19
Riverway .....	32		41,917 39	7,677 86	49,595 25
Leverett Park .....	33		5,995 95	3,258 11	9,254 06
Jamaica Park .....	34		57,191 62	8,757 63	65,949 25
Arborway .....	36		10,580 46	4,560 30	15,140 76
Arnold Arboretum .....	37	\$2,525 50	44,602 60	3,772 69	50,900 79
West Roxbury Parkway ..	38		3,005 41		3,005 41
Franklin Park .....	38		147,145 99	30,252 11	177,398 10
<b>Marine Park System:</b>					
Dorchesterway .....	40		196 94	183 50	380 44
Strandway .....	40	6,435 00	80,017 17		86,452 17
Marine Park .....	41		22,564 05	6,681 84	29,245 89
Wood Island Park .....	42		17,140 93	5,020 24	22,161 17
Charlesbank .....	43		1,704 81	9,008 37	10,713 18
Charlestown Heights .....	44		5,107 60	1,950 91	7,058 51
Charlestown Playground ..	45		360 41	347 19	707 60
Dorchester Park .....	45		265 05	16 25	281 30
Franklin Field .....	45		9,256 75	2,527 29	11,784 04
Public Park, North End .....	46		8,271 08	10,136 12	18,407 20
Chestnut Hill Park .....	48		529 17	3,866 08	4,395 25
Trinity Triangle .....	48			5 25	5 25
North Brighton Playground ..	48		407 59	123 00	530 59
Neponset Playground .....	49	9,005 02	3,536 68	799 87	13,341 57
Billings Field .....	49	225 00	1,935 41	784 18	2,944 59
First-street Playground .....	50			942 52	942 52
North-End Playground .....	50	31,269 21		308 22	31,577 43
Mystic Playground .....	50			100 93	100 93
Fellows-street Playground ..	50			1,497 62	1,497 62
Christopher Gibson Play- ground .....	50			521 38	521 38
Paris-street Gymnasium .....	51			2,857 72	2,857 72
Office expenses .....	51			10,773 52	10,773 52
<b>Totals .....</b>		<b>\$49,459 73</b>	<b>*\$484,068 26</b>	<b>\$140,000 00</b>	<b>\$673,527 99</b>

\* The sum of \$73.00 drawn for, but not yet paid by Auditor.

## 31

## II.

*Expenditures of the Department in detail from February 1,  
1898, to January 31, 1899.*

## COMMONWEALTH AVENUE.

## CONSTRUCTION.

*Roadways, Gutters, Drainage and General Work.*

Roads and walks: labor	
and materials . . .	\$2,775 69
Signs and notices . . .	63 24
Engineers and expenses . .	26 94
General work: labor and	
materials . . .	26 69
	<hr/>
	\$2,892 56

*Plantations.*

Labor and expenses . . . . .	459 99
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*Lawns and Woods.*

Materials . . . . .	90
	<hr/>
	\$3,353 45

## MAINTENANCE.

*Roadways, Grounds and Drainage.*

Roads and walks: labor and mate-	
rials . . . . .	\$9,896 87
Grounds: labor and expenses . . .	1,508 88
Stable account . . . . .	908 50
Bridge . . . . .	211 71
Drainage . . . . .	174 39
General work: materials . . . . .	59 51
	<hr/>
	12,759 86
	<hr/>
	\$16,113 31

## FENS.

## CONSTRUCTION.

*Plantations.*

Labor and expenses . . . . .	\$11,241 94
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*Grading, Loam and General Work.*

Loam . . . . .	\$5,707 93
Engineers and expenses . . .	630 98
Borings . . . . .	96 70
Signs and notices . . . . .	76 29
General work: labor and	
materials . . . . .	57 37
Grading: labor . . . . .	1 89
	<hr/>
	6,571 16

<i>Amounts carried forward,</i>	<hr/>	<hr/>
	\$17,813 10	\$16,113 13

*Amounts brought forward,*                      \$17,813 10                      \$16,113 31

*Roadways, Gutters and Drainage.*

Roads and walks: labor		
and materials . . .	\$544	02
Gutters: labor . . .	80	50
Drainage: labor . . .	66	65
	<hr/>	691 17

*Machinery, Tools and Implements.*

Steam roller . . . . .	391	88
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*Lawns and Woods.*

Labor and materials . . . . .	71	10
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*Boating Service.*

Labor . . . . .	10	00
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*Water Supply.*

Labor . . . . .	4	50
	<hr/>	\$18,981 75

MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$6,138	03
Grounds: labor and materials . . . . .	3,265	65
Stable account . . . . .	563	99
General work: labor and materials, . . . . .	273	32
Drainage: labor and materials . . . . .	144	88
Water supply . . . . .	24	00
Live stock . . . . .	21	39
Fence: labor . . . . .	20	25
Charlesgate bridge: labor and materials . . . . .	17	15
Engineers and expenses . . . . .	14	75
Stony brook gate-house and bridge, . . . . .	14	03
Buildings: labor and materials . . . . .	12	00
	<hr/>	10,509 44
		29,491 19

RIVERWAY.

CONSTRUCTION.

*Longwood Avenue Bridge.*

Amount paid under contract . . . . .	\$35,077	64
Town of Brookline: engineers and expenses . . . . .	3,337	01
	<hr/>	\$38,414 65

*Plantations.*

Labor and expenses . . . . .	1,857	42
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<i>Amounts carried forward,</i>	\$40,272 07	\$45,604 50
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## 33

*Amounts brought forward,* \$40,272 07 \$45,604 50

*Grading, Loam and General Work.*

General work: labor and materials . . . . .	\$404 85	
Engineers and expenses . . . . .	105 81	
Grading: labor and materials . . . . .	105 53	
Signs and notices: labor, . . . . .	60 19	
Loam: labor and materials . . . . .	15 01	
	<hr/>	691 39

*Administration Building.*

Stable sheds: labor and materials . . . . .	\$452 68	
Building: materials . . . . .	17 74	
	<hr/>	470 42

*Roadways, Gutters and Drainage.*

Gutters: labor and materials . . . . .	\$228 81	
Roads and walks: labor and materials . . . . .	181 00	
Drainage: labor and materials . . . . .	22 50	
	<hr/>	432 31

*Muddy River Gate-House.*

Labor and materials . . . . .	46 85	
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*Lawns and Woods.*

Materials . . . . .	4 35	
	<hr/>	41,917 39

## MAINTENANCE.

*Roadways, Grounds, Buildings and Drainage.*

Roads and walks: labor and materials . . . . .	\$2,748 08	
Grounds: labor and materials . . . . .	2,227 64	
Buildings: labor and materials . . . . .	1,709 84	
Stable account: supplies . . . . .	638 74	
General work: labor and materials . . . . .	284 24	
Drainage: labor and materials . . . . .	50 47	
Bridges: labor and materials . . . . .	8 10	
Engineers and expenses . . . . .	6 50	
Water supply . . . . .	4 25	
	<hr/>	7,677 86
		49,595 25

## LEVERETT PARK.

## CONSTRUCTION.

*Plantations.*

Labor and expenses . . . . .	\$3,449 32	
	<hr/>	
<i>Amounts carried forward,</i>	\$3,449 32	\$95,199 75

## 34

Amounts brought forward, \$3,449 32 \$95,199 75

*Lawns and Woods.*

Labor and materials . . . . 794 68

*Grading, Loam and General Work.*

Grading: labor and materials . . . .	\$541 16	
Signs and notices . . . .	57 84	
Loam . . . . .	50 23	
Engineers and expenses . . . .	37 10	
General work: labor and materials . . . .	15 51	
	<hr/>	701 84

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . .	\$375 68	
Drainage: labor and materials . . . .	278 29	
	<hr/>	653 97

*Walls.*

Labor . . . . . 382 88

*Water Supply.*

Water pipes and labor . . . . 11 75

*Plans and Designs.*

Landscape architects and expenses . . . .	1 51	
	<hr/>	\$5,995 95

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks: labor and materials . . . .	\$1,736 17	
Grounds: labor and materials . . . .	1,190 27	
Buildings: labor and materials . . . .	139 23	
Drainage: labor and materials . . . .	85 23	
Stable account: supplies . . . .	63 46	
General work: materials . . . .	40 50	
Engineers and expenses . . . .	3 25	
	<hr/>	3,258 11
		9,254 06

## JAMAICA PARK.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Loam . . . . .	\$13,172 74	
Grading: labor and materials . . . .	6,414 37	
General work: labor and materials . . . .	3,027 64	
Engineers and expenses . . . .	627 44	
Signs and notices . . . .	67 24	
	<hr/>	\$23,309 43

Amounts carried forward,	\$23,309 43	\$104,453 81
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## 35

Amounts brought forward, \$23,309 43 \$104,453 81

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$19,209 71	
Drainage: labor and materials . . . . .	2,074 66	
Gutters: labor and materials . . . . .	700 70	
	<hr/>	21,985 07

*Plantations.*

Labor and expenses . . . . .	3,607 75
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*Electric Lighting.*

Amount paid under contract . . . . .	3,274 95
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*Retaining Walls.*

Labor and materials . . . . .	1,928 59
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*Lawns and Woods.*

Labor and materials . . . . .	1,100 70
-------------------------------	----------

*Culvert.*

Amount paid under contract . . . . .	475 00
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*Boating Service.*

Labor and materials . . . . .	429 99
-------------------------------	--------

*Horse Sheds.*

Labor . . . . .	414 69
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*Settees.*

Labor and materials . . . . .	322 17
-------------------------------	--------

*Water Supply.*

Water pipes and labor . . . . .	216 07
---------------------------------	--------

*Fountains.*

Fountains . . . . .	100 00
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*Pine Bank House.*

Labor . . . . .	23 60
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*Plans and Designs.*

Landscape architects and expenses . . . . .	3 61	
	<hr/>	\$57,191 62

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Grounds: labor and materials . . . . .	\$2,635 65
Roads and walks: labor and materials . . . . .	2,622 91
Buildings: labor and materials . . . . .	1,788 11

Amounts carried forward,	\$7,046 67	\$57,191 62	\$104,453 81
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<i>Amounts brought forward,</i>	\$7,046 67	\$57,191 62	\$104,453 81
Skating: labor and materials . . .	673 47		
Stable account: supplies . . .	489 30		
Drainage: labor and materials . . .	336 89		
General work: labor and materials . .	195 50		
Live stock . . . . .	6 00		
Signs and notices . . . . .	5 05		
Water supply . . . . .	2 50		
Fence . . . . .	2 25		
	<hr/>	8,757 63	
		<hr/>	65,949 25

ARBORWAY.

CONSTRUCTION.

*Plantations.*

Labor and expenses . . . . \$4,124 51

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . .	\$2,234 38	
Gutters, labor and materials . . .	237 75	
Drainage: labor and materials . . .	109 44	
	<hr/>	2,581 57

*Walls.*

Amount paid under contract . . . .	\$1,252 00	
Labor and materials . . . .	568 05	
	<hr/>	1,820 05

*Grading, Loam and General Work.*

Loam . . . . .	\$305 04	
Engineers and expenses . . .	254 87	
Signs and notices . . . .	57 84	
General work: labor and materials . . . .	52 29	
Grading: labor and materials . . . .	28 14	
		698 18

*Law and Woods.*

Labor and materials . . . . 441 78

*Electric Lighting.*

Lamp-posts and cable . . . . 422 50

*Machinery, Tools and Implements.*

Steam roller . . . . . 391 87

*Plans and Designs.*

Landscape architects and expenses . .	100 00	
	<hr/>	\$10,580 46
<i>Amounts carried forward,</i>		<hr/>
		\$10,580 46 \$170,403 06



## 37

*Amounts brought forward,*

\$10,580 46 \$170,403 06

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials . . .	\$3,057 39	
Grounds: labor and materials . . .	666 82	
Stable account: supplies . . .	639 30	
Stony-brook bridge: labor and materials . . .	89 56	
Drainage: labor and materials . . .	71 23	
General work: labor and materials, . . .	36 00	
	<hr/>	4,560 30
		<hr/> 15,140 76

## ARNOLD ARBORETUM AND BUSSEY PARK.

## LAND.

Amount paid for land . . . . . \$2,525 50

## CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . .	\$36,116 84
Drainage: labor and materials . . .	1,817 55
Gutters, labor and materials . . .	1,324 48
	<hr/> \$39,258 87

*Grading, Loam and General Work.*

Grading: materials . . .	\$1,716 71
General work: labor and materials . . .	1,061 82
Engineers and expenses . . .	429 20
Signs and notices . . .	213 62
	<hr/> 3,421 35

*Boundary Walls and Gateways.*

Iron gates: amount paid under contract . . .	\$1,500 00
Walls: labor . . .	16 00
	<hr/> 1,516 00

*Machinery, Tools and Implements.*

Watering cart . . . . . 335 35

*Lawns and Woods.*

Labor . . . . . 60 50

*Plantations.*

Labor and expenses . . . . . 5 00

*Plans and Designs.*

Landscape architects and expenses . . . 3 25

*Water Supply.*

Labor . . . . .	2 28
	<hr/> 44,602 60

*Amounts carried forward,*

\$47,128 10 \$185,543 82

*Amounts brought forward,* \$47,128 10 \$185,543 82

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials	\$3,096 95	
Stable account: supplies	489 30	
Grounds: labor and materials	116 69	
General work	38 75	
Drainage: labor	31 00	
	<hr/>	
	3,772 69	50,900 79

## WEST ROXBURY PARKWAY.

## CONSTRUCTION.

*Lawns and Woods.*

Labor . . . . . \$1,906 85

*Grading and General Work.*

Engineers and expenses	\$416 15	
Signs and notices	81 68	
General work, labor and materials	46 59	
	<hr/>	
	544 42	

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . 340 61

*Plantations.*

Labor and expenses . . . . . 202 72

*Plans and Designs.*

Landscape architects and expenses . . . 10 83

3,005 41

## FRANKLIN PARK.

## CONSTRUCTION.

*Grading, Loam, Drainage and General Work.*

Loam	\$47,863 91	
Grading: labor and materials	31,056 41	
Drainage: labor and materials	5,789 24	
General work: labor and materials	5,748 44	
Engineers and expenses	1,347 24	
Signs and notices	225 38	
	<hr/>	
	\$92,030 62	

*Plantations.*

Labor and expenses . . . . . 26,009 34

*Roadways and Gutters.*

Roads and walks: labor and materials	\$10,959 11	
Gutters: labor and materials	225 21	
	<hr/>	
	11,184 32	

*Amounts carried forward,* \$129,224 28 \$239,450 02

## 39

*Amounts brought forward,*                      \$129,224 28                      \$239,450 02

*Lawns and Woods.*

Labor and materials . . . . 4,733 49

*Park Wall and Gateways.*

Labor and materials . . . . 3,441 90

*Stable.*

Amount paid under con-  
tract . . . . \$2,088 45  
Labor and materials . . . . 824 23  
2,912 68

*Refectory Building.*

Hartwell, Richardson &  
Driver, for plans and  
superintendence . . . \$1,195 91  
Public Buildings Depart-  
ment, Electrical Con-  
struction Division . . . 934 47  
J. J. Flynn, materials . . . 670 41  
2,800 79

*Fences.*

Schoolmaster's Hill:  
Amount paid under con-  
tract . . . . \$1,095 00  
Labor and materials . . . 116 25  
Refectory Hill fence: ma-  
terials . . . . 111 55  
1,322 80

*Carriage Sheds.*

Hartwell, Richardson &  
Driver, plans and super-  
intendence . . . . \$864 00  
Public Buildings Depart-  
ment, Electrical Con-  
struction Division . . . 439 35  
1,303 35

*Machinery, Tools and Implements.*

Steam-roller . . . . 783 75

*Water Supply.*

Water-pipes and labor . . . . 318 10

*Temporary Buildings.*

Labor and materials . . . . 206 52

*Fountains.*

Water fountain . . . . 60 00

*Duck House.*

Materials . . . . 13 92

*Amounts carried forward,*                      \$147,121 58                      \$239,450 02





## 41

*Amounts brought forward,*                      \$43,948 36    \$6,435 00    \$417,228 56

*Filling.*

Amount paid under con-		
tract . . . . .	\$24,321 09	
Material . . . . .	40 00	
Advertising contract . . . . .	6 00	
	<hr/>	24,367 09

*Grading, Loam and General Work.*

Engineers and expenses . . . . .	\$5,192 02	
General work: labor and		
materials . . . . .	299 75	
Loam . . . . .	120 00	
Signs and notices . . . . .	89 09	
Grading: labor and mate-		
rials . . . . .	2 45	
	<hr/>	5,703 31

*Public Landing.*

Amount paid under con-		
tract . . . . .	\$5,224 00	
Advertising contract . . . . .	172 62	
Materials . . . . .	120 42	
	<hr/>	5,517 04

*Plans and Designs.*

Landscape architects and expenses . . . . .	350 87	
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*Drainage.*

N-street sewer: materials . . . . .	130 50	
	<hr/>	80,017 17
		<hr/>
		86,452 17

**MARINE PARK.****CONSTRUCTION.***Head-House.*

Labor and materials . . . . .	\$77 85	
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*Grading, Loam and General Work.*

Loam: amount paid		
under contract . . . . .	\$17,896 44	
Grading: labor and ma-		
terials . . . . .	1,935 57	
General work: labor and		
materials . . . . .	567 07	
Loam . . . . .	551 19	
Engineers and expenses . . . . .	37 98	
Signs and notices . . . . .	35 25	
	<hr/>	21,023 50

*Roadways, Gutters and Drainage.*

Roads and walks: labor		
and materials . . . . .	\$918 41	
Gutters: labor . . . . .	111 94	
	<hr/>	1,030 35

<i>Amounts carried forward,</i>	\$22,131 70	<hr/>
		\$503,680 73



## 43

*Amounts brought forward,*                      \$14,566 90                      \$532,926 62

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . .	\$1,188 46	
Drainage: labor and materials . . .	644 75	
	<hr/>	1,833 21

*Settees.*

Labor and materials . . .	404 05
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*Plans and Designs.*

Landscape architects and expenses .	200 00
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*Lawns and Woods.*

Labor and materials . . .	72 42
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*Electric Lighting.*

Electric lights . . .	47 30
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*Tool-house.*

Labor and materials . . .	17 05	
	<hr/>	\$17,140 93

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

## Men's gymnasium—

Grounds, apparatus and building: labor and expenses . . .	\$4,100 02	
Skating: labor and expenses . . .	500 87	
Grounds: labor and expenses . . .	175 95	
General work . . .	130 71	
Roads and walks: labor and materials . . .	79 64	
Drainage: labor and materials . . .	17 55	
Women's bath-house: labor and expenses . . .	15 50	
	<hr/>	5,020 24
		<hr/> 22,161 17

## CHARLESBANK.

## CONSTRUCTION.

*Iron Fence.*

Amount paid under contract . . .	\$1,280 00
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*Grading, Loam and General Work.*

General work: labor . . .	\$109 87	
Signs and notices . . .	98 70	
Grading: labor . . .	92 94	
Engineers and expenses . . .	34 36	
Loam . . .	4 56	
	<hr/>	340 43

*Walks and Drainage.*

Walks: labor . . .	84 38	
	<hr/>	1,704 81

<i>Amounts carried forward,</i>	\$1,704 81	\$555,087 79
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*Amounts brought forward,*

\$1,704 81 \$555,087 79

## MAINTENANCE.

*Grounds, Walks, Buildings and General Work.*

## Men's gymnasium—

Grounds, apparatus and building:

labor and expenses . . . \$3,594 63

## Women's gymnasium—

Grounds, apparatus and building:

labor and expenses . . . 2,895 84

Grounds and walks: labor and ex-

penses . . . 2,171 86

Skating: labor and expenses . . 191 19

General work: labor and expenses . 118 82

Drainage: labor and materials . . 33 78

Water supply: labor . . . 2 25

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9,008 37

10,713 18

## CHARLESTOWN HEIGHTS.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: amount paid

under contract . . . \$3,170 55

Grading: labor . . . 1,103 55

Loam . . . 425 00

Engineers and expenses . . 96 96

General work: labor . . 25 75

Signs and notices . . . 18 80

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\$4,840 61*Plans and Designs.*

Landscape architects and expenses . 100 00

*Plantations.*

Labor and expenses . . . 79 95

*Lawns and Woods.*

Labor and materials . . . 59 57

*Walks, Gutters and Drainage.*

Walks: labor . . . \$23 47

Gutters: labor . . . 4 00

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27 47

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\$5,107 60

## MAINTENANCE.

*Grounds, Walks, Buildings, Drainage and General Work.*

Grounds and walks: labor and mate-

rials . . . \$1,142 01

Buildings: labor and materials . . 655 42

Walks: labor . . . 147 54

Drainage: labor . . . 5 25

General work: labor . . . 69

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1,950 91

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7,058 51*Amount carried forward,*

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\$572,859 48



## 45

*Amount brought forward,*

\$572,859 48

## CHARLESTOWN PLAYGROUND.

## CONSTRUCTION.

*Grading, Loam and General Work*

Grading: labor and materials . . .	\$271 36	
General work: labor . . . . .	60 00	
Signs and notices . . . . .	18 80	
Engineers and expenses . . . . .	10 25	
	<hr/>	\$360 41

## MAINTENANCE.

*Grounds, Walks and Buildings.*

Skating . . . . .	\$334 08	
Grounds and walks: labor . . . . .	13 11	
	<hr/>	347 19
		707 60

## DORCHESTER PARK.

## CONSTRUCTION.

*Grading, Loam and General Work.*

General work: labor . . . . .	\$84 55	
Signs and notices . . . . .	23 50	
General work: labor . . . . .	4 03	
Engineers and expenses . . . . .	2 00	
	<hr/>	\$114 08

*Water Supply.*

Water pipes and labor . . . . .	105 53	
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*Lawns and Woods.*

Labor . . . . .	37 00	
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*Walks and Drainage.*

Drainage: labor . . . . .	4 48	
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*Plans and Designs.*

Landscape architects and expenses . . . . .	3 96	
	<hr/>	\$265 05

## MAINTENANCE.

*Grounds, Walks and Buildings.*

Grounds: labor . . . . .	\$10 00	
Buildings: materials . . . . .	6 25	
	<hr/>	16 25
		281 30

## FRANKLIN FIELD.

## CONSTRUCTION.

*Buildings.*

Sheep barn: labor and materials . . . . .	\$4,035 56	
Sanitary buildings: labor and materials . . . . .	5 15	
	<hr/>	\$4,040 71

*Amounts carried forward,*

\$4,040 71

\$573,848 38

*Amounts brought forward,* \$4,040 71 \$573,848 38

*Grading, Loam and General Work.*

Loam: material . . .	\$3,320 97	
Grading: labor . . .	119 33	
General work: labor and materials . . .	117 03	
Engineers and expenses . . .	109 61	
Signs and notices . . .	23 50	
	3,690 44	

*Plantations.*

Labor and expenses . . .	863 58	
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*Structures.*

Fence: labor and materials . . .	\$438 77	
Flagstaff: labor . . .	40 00	
	478 77	

*Walks, Gutters and Drainage.*

Drainage: labor . . .	\$73 25	
Gutters: labor . . .	49 25	
Walks: labor . . .	26 00	
	148 50	

*Lawns and Woods.*

Labor . . .	34 75	
	9,256 75	

MAINTENANCE.

*Grounds, Walks, Buildings, Drainage and General Work.*

Skating: labor and expenses . . .	\$1,052 73	
Grounds and walks: labor and materials . . .	593 42	
Sheep-fold: labor and materials . . .	436 95	
Buildings: labor . . .	432 84	
General work: labor and materials . . .	5 35	
Fence: labor . . .	4 00	
Drainage: labor . . .	2 00	
	2,527 29	
	11,784 04	

PUBLIC PARK, NORTH END.

NORTH END BEACH.

CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: amount paid under contract . . .	\$2,118 52	
Loam: materials . . .	942 10	
Engineers and expenses . . .	177 25	
General work . . .	49 05	
Signs and notices . . .	18 80	
	\$3,305 72	
<i>Amounts carried forward,</i>	\$3,305 72	\$585,632 42

## 47

Amounts brought forward, \$3,305 72 \$585,632 42

*Administration Building and Bathing Establishment.*

Electric wiring . . .	\$1,406 22	
Men's bath-house: labor and materials . . .	309 18	
Women's bath-house: materials . . .	81 77	
	<hr/>	1,797 17

*Filling.*

Material . . . . .	1,302 04
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*Boating Service.*

Labor and materials . . . . .	578 32
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*Piers.*

Labor and materials . . . . .	268 31
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*Electric Lighting.*

Lamp-posts and cable . . . . .	181 25
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*Plans and Designs.*

Landscape architects and expenses . . . . .	100 00	
	<hr/>	\$7,532 81

## COPP'S HILL TERRACES.

*Electric Lighting.*

Lamp-posts and cable . . . . .	\$245 25
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*Plantations.*

Labor and expense . . . . .	405 00
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*Walls, Grading, Drainage and General Work.*

Walls: material . . .	\$28 00	
Engineers and expenses . . .	27 00	
Signs and notices . . .	19 25	
Grading: labor . . .	13 77	
	<hr/>	88 02
		<hr/>
		738 27
		<hr/>
		\$8,271 08

## MAINTENANCE.

*Grounds, Walks, Buildings, Drainage and General Work.*

Men's bath-house: labor and materials, \$5,931 99	
Administration Building and bath-house: labor and materials . . .	3,552 93
Grounds: labor and materials . . .	353 51
Skating . . . . .	239 77
Walks: labor . . . . .	31 50
Walls: labor . . . . .	18 15
Grading: labor . . . . .	8 27
	<hr/>
	10,136 12
	<hr/>
	18,407 20
	<hr/>
Amount carried forward,	\$604,039 62

*Amount brought forward,*

\$604,039 62

## CHESTNUT HILL PARK.

## CONSTRUCTION.

*Plantations.*

Labor and expenses . . . . \$359 01

*Grading, Loam and General Work.*

Grading: labor . . . . 128 64

*Fence.*

Labor and materials . . . . 31 74

*Roadways, Gutters and Drainage.*

Roads and Walks: labor . . . . 7 75

*Lawns and Woods.*

Materials . . . . 2 03

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\$529 17

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Grounds: labor and materials . . \$2,457 48

Roads and Walks: labor and materials . . 1,144 21

General Work: labor . . . . 183 74

Buildings: labor and materials . . 35 65

Fence: labor . . . . 31 00

Engineers and expenses . . . . 14 00

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3,866 08

4,395 25

## TRINITY TRIANGLE.

## MAINTENANCE.

*Grounds.*

Labor . . . . . 5 25

## NORTH BRIGHTON PLAYGROUND.

## CONSTRUCTION.

*Filling.*

Filling . . . . . \$239 33

*Grading, Loam and General Work.*

Grading: labor and materials . . \$93 76

Engineers and expenses . . 20 50

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114 26*Walks, Gutters and Drainage.*

Walks: materials . . . . 54 00

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\$407 59

## MAINTENANCE.

*Grounds, Drainage and General Work.*

Grounds: labor . . . . \$117 00

Engineers and expenses . . . . 6 00

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123 00

530 59

*Amount carried forward,*

\$608,970 71



49

*Amount brought forward,*

\$608,970 71

## NEPONSET PLAYGROUND.

## LAND.

Amount paid for land . . . . .	\$8,930 02	
Expenses . . . . .	75 00	
	<hr/>	\$9,005 02

## CONSTRUCTION.

*Drainage.*

Labor and materials . . . . .	\$2,544 76	
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*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$580 16	
Engineers and expenses, . . . . .	152 55	
	<hr/>	732 71

*Plans and Designs.*

Landscape architects and expenses . . . . .	239 21	
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*Footbridge.*

Labor and materials . . . . .	20 00	
	<hr/>	3,536 68

## MAINTENANCE.

*Grounds and Walks.*

Skating: labor and materials . . . . .	\$454 34	
Grounds: labor . . . . .	232 50	
Drainage: labor . . . . .	58 60	
Grading: labor and materials . . . . .	36 22	
Engineers and expenses . . . . .	16 25	
General work: labor . . . . .	1 96	
	<hr/>	799 87
		<hr/>
		13,341 57

## BILLINGS FIELD.

## LAND.

Expenses . . . . .	\$225 00	
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## CONSTRUCTION.

*Filling.*

Material . . . . .	\$1,600 00	
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*Plans and Designs.*

Landscape architects and expenses . . . . .	239 37	
---	--------	--

*Grading, Loam and General Work.*

Engineers and expenses . . . . .	96 04	
	<hr/>	1,935 41

## MAINTENANCE.

*Grounds and Walks.*

Skating: labor and materials . . . . .	\$761 11	
Engineers and expenses . . . . .	12 85	
Walks: labor . . . . .	10 22	
	<hr/>	784 18
		<hr/>
		2,944 59

*Amount carried forward,*

\$625,256 87

Amount brought forward,

\$625,256 87

## FIRST-STREET PLAYGROUND.

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Skating: labor and expenses . . . . .	\$442 71
Grounds: labor and materials . . . . .	349 52
Electric light posts . . . . .	102 00
Walks: labor and materials . . . . .	18 06
Engineers and expenses . . . . .	11 00
Filling . . . . .	10 65
Drainage: labor . . . . .	5 58
Plantations: labor . . . . .	3 00

942 52

## NORTH-END PLAYGROUND.

## LAND.

Amount paid for land . . . . .	\$30,929 21
Expenses . . . . .	340 00
	<hr/> \$31,269 21

## MAINTENANCE.

*Grounds and Walks.*

Grading: labor . . . . .	\$182 39
Grounds: labor . . . . .	125 83
	<hr/> 308 22

31,577 43

## MYSTIC PLAYGROUND.

## MAINTENANCE.

*Grounds and Walks.*

Grounds: labor and material . . . . .	\$86 61
Walks: labor and materials . . . . .	8 43
Skating . . . . .	5 89
	<hr/> 100 93

100 93

## FELLOWS-STREET PLAYGROUND.

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Grounds: grading and filling . . . . .	\$1,437 62
Drainage: labor and materials . . . . .	34 52
Walks: labor and materials . . . . .	16 48
Engineers and expenses . . . . .	7 00
General work: labor . . . . .	2 00
	<hr/> 1,497 62

1,497 62

## CHRISTOPHER GIBSON PLAYGROUND.

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Grounds: grading and materials . . . . .	\$448 41
Skating . . . . .	64 72
Engineers and expenses . . . . .	8 25
	<hr/> 521 38

521 38

Amount carried forward,

\$659,896 75

*Amount brought forward,*

\$659,896 75

## PARIS-STREET GYMNASIUM.

## MAINTENANCE.

Labor and expenses . . . . .	2,857 72
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## OFFICE EXPENSES.

## MAINTENANCE.

Salaries . . . . .	\$8,741 20	
Telephones and expenses . . . . .	591 52	
Printing . . . . .	577 95	
Carriage-hire . . . . .	356 50	
Expenses of legislative committee visiting park system . . . . .	247 15	
Stationery . . . . .	133 19	
Furniture and fixtures . . . . .	120 00	
Advertising . . . . .	6 01	
		10,773 52
		<u>\$673,527 99</u>

## III.

## General Exhibit of Appropriations, 1898-99.

OBJECTS OF APPROPRIATION.	Page.	Balances January 31, 1898.	Appropriations and Transfers, 1898-99.	Total Credits.	Expenditures 1898-99.	Balances January 31, 1899.
Public Parks, Land and Construction .....	46	\$49,212 56	\$500,000 00	\$549,212 56	\$400,786 00	\$148,426 56
Strandway, from Marine Park, west.....	46	99,783 06	.....	92,783 06	86,363 08	6,419 98
North Brighton Playground.....	46	407 59	.....	407 59	407 59	.....
Neponset Playground, Land.....	46	13,301 50	.....	13,301 50	9,005 02	4,296 48
Neponset Playground, Construction.....	47	3,536 68	.....	3,536 68	3,536 68	.....
Billings Field, Land.....	47	19,581 25	.....	19,581 25	225 00	19,356 25
Billings Field, Construction.....	47	2,481 50	.....	2,481 50	1,435 41	546 09
North End Playground.....	47	771 05	.....	31,269 21	31,269 21	.....
Gymnasium, Ward 10.....	47	.....	30,498 16	3,500 00	.....	3,500 00
Park Department, Maintenance....	47	.....	135,000 00 }	140,000 00	140,000 00	.....
			5,000 00 }			
		\$182,075 19	\$673,998 16	\$856,073 35	\$673,527 99	\$182,545 36



## IV.

*Appropriations and Balances in Detail for the Financial Year 1898-1899.*

## PUBLIC PARKS.

Balance unexpended January 31, 1898 . . . . .	\$49,212 56
Loan issued April 1, 1898 . . . . .	50,000 00
Loan issued November 15, 1898 . . . . .	450,000 00
	<u>\$549,212 56</u>

*Expenditures.*

Commonwealth Avenue . . . . .	\$3,353 45
Fens . . . . .	18,981 75
Riverway . . . . .	41,917 39
Leverett Park . . . . .	5,995 95
Jamaica Park . . . . .	57,191 62
Arborway . . . . .	10,580 46
Arnold Arboretum and Bussey Park . . . . .	47,128 10
West Roxbury Parkway . . . . .	3,005 41
Franklin Park . . . . .	147,145 99
Dorchesterway . . . . .	196 94
Strandway . . . . .	89 09
Marine Park . . . . .	22,564 05
Wood Island Park . . . . .	17,140 93
Charlesbank . . . . .	1,704 81
Charlestown Heights . . . . .	5,107 60
Charlestown Playground . . . . .	360 41
Dorchester Park . . . . .	265 05
Franklin Field . . . . .	9,256 75
North End Park, . . . . .	8,271 08
Chestnut Hill Park . . . . .	529 17
Balance unexpended January 1, 1899 . . . . .	<u>148,426 56</u>
	<u>\$549,212 56</u>

## STRANDWAY FROM MARINE PARK, WEST.

Balance unexpended January 31, 1898 . . . . .	<u>\$92,783 06</u>
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*Expenditures.*

Paid on account of construction . . . . .	\$79,928 08
Paid on account of land . . . . .	6,435 00
Balance unexpended January 31, 1899 . . . . .	<u>6,419 98</u>
	<u>\$92,783 06</u>

## NORTH BRIGHTON PLAYGROUND.

Balance unexpended January 31, 1898 . . . . .	<u>\$407 59</u>
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*Expenditures.*

Paid on account of construction . . . . .	<u>\$407 59</u>
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## NEPONSET PLAYGROUND.

Balance unexpended January 31, 1898 . . . . .	<u>\$16,838 18</u>
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# Expenditures.

Paid on account of land . . . . .	\$9,005 02	
Paid on account of construction . . . . .	3,536 68	
Balance unexpended January 31, 1899 . . . . .	4,296 48	
		<u>\$16,838 18</u>

## BILLINGS FIELD, WEST ROXBURY.

Balance unexpended January 31, 1898 . . . . .	\$22,062 75	
		<u></u>

# Expenditures.

Paid on account of land . . . . .	\$225 00	
Paid on account of construction . . . . .	1,935 41	
Balance unexpended January 31, 1899 . . . . .	19,902 34	
		<u>\$22,062 75</u>

## NORTH END PLAYGROUND.

Balance unexpended January 31, 1898 . . . . .	\$771 05	
Amount transferred by City Auditor to meet		
Execution of Court . . . . .	30,498 16	
		<u>\$31,269 21</u>

# Expenditures.

Paid on account of land . . . . .	\$30,929 21	
Expenses . . . . .	340 00	
		<u>\$31,269 21</u>

## GYMNASIUM, WARD 10.

Amount appropriated under loan ordered by City Council,		
October 1, 1897 . . . . .	\$3,500 00	
		<u></u>

# Expenditures.

Balance unexpended January 31, 1899 . . . . .	\$3,500 00	
		<u></u>

## PARK DEPARTMENT.

### MAINTENANCE.

Appropriation for financial year 1898-99 . . . . .	\$135,000 00	
Amount contributed by abutters, Common-		
wealth avenue . . . . .	5,000 00	
		<u>\$140,000 00</u>

# Expenditures.

Paid on account of maintenance as per Exhibit, page 23 . . . . .	\$140,000 00	
		<u></u>

## INCOME.

### Receipts.

Received from rents, bathing fees, sale of buildings, wool,		
sheep, grass and wood . . . . .	\$2,367 57	
		<u></u>

### Payments.

Income carried to General City Income . . . . .	\$2,091 44	
Balance on hand January 31, 1899 . . . . .	276 13	
		<u>\$2,367 57</u>

## V.

*Summary of Expenditures on Account of Park Construction  
from the Organization of the Board, October 8, 1875, to  
January 31, 1899.*

## MAIN PARK SYSTEM.

## COMMONWEALTH AVENUE.

Roadways, sidewalks, gutters, drainage and general work . . . . .	\$86,805 01	
Plantations . . . . .	10,712 41	
Electric lighting . . . . .	5,674 00	
Machinery, tools, etc. . . . .	884 90	
Plans and designs . . . . .	22 90	
		\$104,099 22

## FENS.

Filling . . . . .	\$576,811 15	
Excavating, lawns and woods, grading, loam and general work . . . . .	542,358 90	
Roadways, sidewalks, gutters and drainage . . . . .	349,992 66	
Retaining walls, curb and fence . . . . .	118,177 77	
Boylston bridge . . . . .	92,011 43	
Plantations . . . . .	83,543 01	
Charlesgate bridge . . . . .	65,287 67	
Agassiz bridge . . . . .	52,013 50	
Stony-brook bridge . . . . .	40,007 11	
Railroad bridge . . . . .	39,995 04	
Fen bridge . . . . .	29,427 80	
Plans, designs and superintendence . . . . .	27,280 28	
Machinery, tools, etc. . . . .	14,188 99	
Office and general expenses . . . . .	14,114 92	
Electric lighting . . . . .	6,887 23	
Surveying . . . . .	5,472 16	
Stony-brook channel and gate-house . . . . .	1,976 28	
Water supplies, settees and live stock . . . . .	1,421 98	
Duck-house . . . . .	350 00	
Boating service . . . . .	306 04	
		2,061,623 92

## RIVERWAY.

Excavating, lawns and woods, grading, loam and general work . . . . .	\$187,125 43	
Filling . . . . .	104,143 90	
Roadways, sidewalks, gutters and drainage . . . . .	97,027 54	
Longwood-avenue bridge . . . . .	56,359 22	
Andubon bridge . . . . .	39,654 27	
Bridle-path bridge . . . . .	32,929 09	
Administration building . . . . .	27,005 12	
Plantations . . . . .	18,239 07	
Footbridges and culverts . . . . .	14,345 00	
Tremont-street bridge . . . . .	13,273 53	
Brookline-avenue bridge . . . . .	8,936 82	
Bellevue-street bridge . . . . .	8,163 96	
Retaining-wall . . . . .	7,568 09	

*Amounts carried forward,*

\$614,771 04 \$2,165,723 14

<i>Amounts brought forward,</i>	\$614,771 04	\$2,165,723 14
Surveys, plans, designs and superintendence .	7,196 67	
Shelter . . . . .	4,513 65	
Electric lighting . . . . .	2,734 57	
Water-supply and settees . . . . .	2,176 71	
Machinery, tools, etc. . . . .	468 75	
Boating-service . . . . .	181 21	
Gate-house . . . . .	105 15	
	<hr/>	632,147 75

## LEVERETT PARK.

Excavating, lawns and woods, grading, loam and general work . . . . .	\$186,810 27	
Roadways, sidewalks, gutters and drainage .	78,447 69	
Retaining-walls, steps and culverts . . .	35,247 89	
Plantations . . . . .	33,787 26	
Leverett-pond bridge . . . . .	9,850 59	
Plans and designs . . . . .	7,178 75	
Footbridges and culverts . . . . .	6,368 46	
Electric lighting . . . . .	5,278 74	
Machinery, tools, etc. . . . .	3,497 93	
Water-supply, fountains and settees . . .	1,880 84	
Boating-service . . . . .	97 24	
Filling . . . . .	15 75	
Iron railing . . . . .	1 25	
	<hr/>	368,462 66

## JAMAICA PARK.

Lawns and woods, grading grounds, loam and general work . . . . .	\$97,266 02	
Roadways, sidewalks, gutters and drainage .	60,772 36	
Pine Bank House and horse-sheds . . . .	32,527 15	
Retaining-walls and steps . . . . .	22,605 49	
Plantations . . . . .	9,437 20	
Water-supply, fountain, and settees . . .	6,695 18	
Electric lighting . . . . .	4,897 45	
Surveys, plans, designs and superintendence .	3,189 68	
Machinery, tools, etc. . . . .	2,669 62	
Boating-service . . . . .	1,353 91	
Iron fence . . . . .	1,162 38	
Culverts . . . . .	475 00	
Gate-house . . . . .	80 73	
	<hr/>	243,132 17

## ARBORWAY.

Roadways, sidewalks, gutters and drainage .	\$166,984 27	
Lawns and woods, grading grounds, loam and general work . . . . .	86,162 62	
Arches . . . . .	64,631 57	
Water-supply and settees . . . . .	10,256 85	
Plantations . . . . .	10,153 66	
Culverts . . . . .	5,489 53	
Walls . . . . .	5,055 08	
Stony-brook bridge . . . . .	4,503 43	
Electric lighting . . . . .	3,450 50	
Filling . . . . .	2,819 16	
Machinery, tools, etc. . . . .	2,360 62	
Plans and designs . . . . .	281 94	
	<hr/>	362,149 23

*Amount carried forward,*

\$3,771,614 95



*Amount brought forward,*

\$3,771,614 95

## ARNOLD ARBORETUM AND BUSSEY PARK.

Roadways, sidewalks, gutters and drainage .	\$276,166 74
Lawns and woods, grading and general work .	18,215 31
Boundary walls and gateways .	16,249 56
Machinery, tools, etc. .	3,607 23
Plans, designs and superintendence .	1,652 47
Plantations .	744 41
Water-supply and settees .	166 39
Surveying .	100 00

316,902 11

## WEST ROXBURY PARKWAY.

Lawns and woods, grading grounds, loam and general work .	\$8,002 49
Plantations .	1,359 68
Plans, designs and superintendence .	560 85
Roadways, gutters and drainage .	340 61

10,263 63

## FRANKLIN PARK.

Roadways, sidewalks and gutters .	\$695,044 32
Lawns and woods, grading grounds, drainage and general work .	587,296 59
Plantations .	157,286 28
Refectory building .	108,571 75
Seaver-street improvement .	84,817 75
Shelter and Overlook .	60,561 54
Forest Hills bridge .	52,972 17
Scarboro' Pond .	40,943 11
Park wall and gateways .	35,365 80
Arbor, Schoolmaster's hill .	29,514 11
Plans, designs and superintendence .	28,343 95
Reservoir .	27,634 39
Scarboro' Pond bridges .	26,703 10
Water-supply, fountains and settees .	25,260 30
Ellicott Arch .	16,732 21
Pergola wall, steps and terrace .	16,244 30
Carriage-sheds .	15,310 98
Ellicott House .	14,922 87
Ellicottdale .	12,542 94
Machinery, tools, etc. .	12,413 15
Structures .	12,136 56
Playstead .	10,399 76
Propagating-house .	8,205 55
Electric lighting .	5,600 00
Terrace wall .	3,956 05
Concourse, Scarboro' Hill .	3,569 80
Culverts .	3,129 34
Stable .	2,912 68
Carriage shelter .	2,694 70
Fences .	1,322 80
Boating-service .	51 16

2,102,460 01

## MARINE PARK SYSTEM.

## DORCHESTERWAY.

Roadways, sidewalks, gutters and drainage .	\$31,160 73
Filling .	21,821 82

*Amounts carried forward,*

\$52,982 55 \$6,201,240 70

<i>Amounts brought forward,</i>	\$52,982	55\$6,201,240	70
Grading, loam and general work . . . . .	9,546	15	
Plans, designs and superintendence . . . . .	1,317	24	
Culverts . . . . .	653	00	
Plantations . . . . .	102	90	
			64,601 84

## STRANDWAY.

Sea-wall and grading . . . . .	\$112,511	28	
Filling . . . . .	102,891	36	
Clearing, grading, loam and general work . . . . .	26,330	47	
Public landing . . . . .	5,517	04	
Drainage . . . . .	4,507	98	
Plans, designs and superintendence . . . . .	479	77	
Culverts . . . . .	60	50	
Plantations . . . . .	18	80	
			252,317 20

## MARINE PARK.

Filling, lawns and woods, grading, loam and general work . . . . .	\$579,625	43	
Iron pier and railing . . . . .	175,571	99	
Head-house . . . . .	110,812	40	
Pier-head . . . . .	67,232	97	
Structures, temporary pier, and gas-lights . . . . .	43,829	05	
Road ways, sidewalks, gutters and drainage . . . . .	38,979	62	
Plantations . . . . .	7,078	52	
Bulkhead . . . . .	4,996	00	
Plans, designs and superintendence . . . . .	3,870	46	
Electric lighting . . . . .	2,453	04	
Water-supply, settees and fence . . . . .	1,988	04	
Dredging . . . . .	1,114	20	
Boating-service . . . . .	1,023	65	
Machinery, tools and implements . . . . .	38	00	
			1,038,613 33

## CASTLE ISLAND.

Temporary buildings and structures . . . . .	\$25,512	20	
Clearing, grading grounds and drainage . . . . .	3,837	98	
Water-supply, settees and tent . . . . .	2,002	98	
Plantations . . . . .	486	98	
Shelter . . . . .	100	00	
			31,940 14

## WOOD ISLAND PARK.

Lawns and woods, grading, loam and general work . . . . .	\$101,172	75	
Neptune bridge . . . . .	32,320	63	
Filling . . . . .	29,852	82	
Field-house . . . . .	20,283	89	
Roads, walks, gutters and drainage . . . . .	13,107	02	
Bath-house . . . . .	9,830	66	
Plantations . . . . .	9,797	39	
Gymnasium grounds, apparatus and play-ground . . . . .	7,280	92	
Iron fence and frame . . . . .	3,039	99	
Water-supply and settees . . . . .	2,452	68	
Electric lighting . . . . .	2,163	53	
Plans, designs and superintendence . . . . .	1,688	03	
Culverts . . . . .	425	00	
Tool-house . . . . .	213	09	
Machinery, tools and implements . . . . .	42	80	
			233,671 20

*Amount carried forward,*

\$7,822,384 41

*Amount brought forward,*

\$7,822,384 41

## CHARLESBANK.

Sea-wall and filling . . . . .	\$176,353 90
Gymnasium grounds, apparatus, filling, loam and general work . . . . .	52,434 28
Men's Lavatory building . . . . .	23,250 53
Women's Lavatory building and children's shelter . . . . .	17,689 18
Plantations . . . . .	12,137 30
Walks and drainage . . . . .	11,769 27
Iron railing, fence and gas-lights . . . . .	9,647 29
Plans, designs and superintendence . . . . .	2,076 27
Damage . . . . .	972 51
Water-supply . . . . .	831 41
Machinery, tools, etc. . . . .	56 00

307,217 94

## CHARLESTOWN HEIGHTS.

Grading, lawns and woods, filling, loam and general work . . . . .	\$32,713 24
Shelter building . . . . .	27,240 32
Retaining-wall . . . . .	18,838 98
Sidewalks, gutters and drainage . . . . .	8,227 97
Plantations . . . . .	7,831 33
Steps . . . . .	3,971 42
Plans, designs and superintendence . . . . .	1,430 59
Water-supply, settees, fountains and flagstaff . . . . .	486 51
Electric lighting . . . . .	334 00

101,074 36

## CHARLESTOWN PLAYGROUND.

Grading, loam and general work . . . . .	\$8,933 21
Plantations . . . . .	475 60
Plans, designs and superintendence . . . . .	204 99
Walks and drainage . . . . .	9 78

9,623 58

## DORCHESTER PARK.

Grading, lawns and woods, loam and general work . . . . .	\$1,479 27
Shelter . . . . .	963 32
Plans, designs and superintendence . . . . .	797 40
Temporary structures . . . . .	774 95
Water-supply . . . . .	105 53
Walks and drainage . . . . .	4 48

4,124 95

## FRANKLIN FIELD.

Grading, lawns and woods, loam and general work . . . . .	\$32,136 86
Walks, gutters and drainage . . . . .	26,916 48
Plantations . . . . .	11,746 74
Buildings . . . . .	6,744 98
Fence, flagstaff and wall . . . . .	1,182 72
Plans, designs and superintendence . . . . .	815 06
Machinery, tools, etc. . . . .	480 55
Water-supply . . . . .	46 89

80,070 28

*Amount carried forward,*

\$8,324,495 52

*Amount brought forward,*

\$8,324,495 52

## NORTH END BEACH.

Clearing, grading and general work . . . . .	\$60,848 31	
Administration Building and Women's bath-house . . . . .	39,902 70	
Piers . . . . .	31,335 96	
Men's bath-house . . . . .	13,052 97	
Walls . . . . .	8,422 73	
Iron railing . . . . .	3,698 88	
Walks and drainage . . . . .	1,946 63	
Filling . . . . .	1,302 04	
Plans, designs and superintendence . . . . .	1,189 14	
Boating service . . . . .	578 32	
Band-stand . . . . .	571 44	
Boring . . . . .	224 62	
Electric lighting . . . . .	181 25	
Temporary building . . . . .	33 73	
Plantations . . . . .	7 50	
	<hr/>	163,296 22

## COPP'S HILL TERRACES.

Walls, drainage, grading and general work . . . . .	\$29,710 65	
Plantations . . . . .	405 00	
Electric lighting . . . . .	245 25	
Plans, designs and superintendence . . . . .	110 83	
Sidewalks . . . . .	90 58	
	<hr/>	30,562 31

## CHESTNUT HILL PARK.

Plantations . . . . .	\$359 01	
Grading, lawns and woods, loam and general work . . . . .	130 67	
Fence . . . . .	31 74	
Roadways, gutters and drainage . . . . .	7 75	
	<hr/>	529 17

## NORTH BRIGHTON PLAYGROUND.

Filling . . . . .	\$1,907 83	
Grading, loam and general work . . . . .	1,403 08	
Walks, gutters and drainage . . . . .	192 36	
	<hr/>	3,503 27

## NEPONSET PLAYGROUND.

Drainage . . . . .	\$2,544 76	
Grading, loam and general work . . . . .	1,010 45	
Bulkhead . . . . .	553 10	
Plans and designs . . . . .	239 21	
Water-supply . . . . .	152 48	
	<hr/>	4,500 00

## BILLINGS FIELD.

Filling . . . . .	\$1,600 00	
Plans and designs . . . . .	239 37	
Grading, loam and general work . . . . .	114 54	
	<hr/>	1,953 91

*Amount carried forward,*

\$8,528,840 40



## 61

*Amount brought forward,*

\$8,528,840 40

## FIRST-STREET PLAYGROUND.

Grading, loam and general work . . . . .	\$5,320 40	
Gutters and drainage . . . . .	2,272 41	
Filling . . . . .	987 28	
Water-supply . . . . .	912 96	
Plantations . . . . .	61 80	
		9,554 85

## FELLOWS-STREET PLAYGROUND.

Filling . . . . .	496 28
-------------------	--------

## SUNDRY ACCOUNTS.

General account . . . . .	\$73,987 50	
Park Nursery . . . . .	29,947 07	
		103,934 57
		<u>\$8,642,826 10</u>

## VI.

*Summary of Expenditures on account of Public Park Land,  
Construction and Betterments from the Organization of the  
Board, October 8, 1875, to January 31, 1899.*

## LAND.

## Main Park System :

Fens . . . . .	\$596,254 49
Riverway . . . . .	452,457 53
Leverett Park . . . . .	269,104 04
Jamaica Park . . . . .	812,843 56
Arborway . . . . .	245,584 25
Arnold Arboretum and Bus- sey Park. . . . .	79,315 85
West Roxbury Parkway . . . . .	117,665 29
Franklin Park . . . . .	1,551,196 63
	<u>\$4,124,421 64</u>

## Marine Park System :

Dorchesterway . . . . .	\$63,735 54	
Strandway . . . . .	449,315 97	
Marine Park . . . . .	232,972 57	
		746,024 08
Wood Island Park . . . . .	132,800 00	
Charlesbank . . . . .	373,916 99	
Trinity Triangle . . . . .	30,000 00	
Charlestown Heights . . . . .	50,538 02	
Charlestown Playground . . . . .	172,923 31	
Dorchester Park . . . . .	63,239 97	
Franklin Field . . . . .	157,341 22	
North End Beach . . . . .	328,364 44	
Copp's Hill Terraces . . . . .	90,858 19	
North Brighton Playground . . . . .	21,861 73	

*Amount carried forward,*

\$6,292,289 59

<i>Amount brought forward,</i>		\$6,292,289 59
Neponset Playground . . . . .		10,703 52
Billings Field . . . . .		643 75
Freeport-street Triangle . . . . .		4,000 00
North End Playground . . . . .		130,498 16
Mystic Playground . . . . .		50,000 00
Fellows-street Playground . . . . .		14,503 72
Christopher Gibson Playground . . . . .		37,500 00
		<hr/> \$6,540,138 74

CONSTRUCTION.

Main Park System :		
Commonwealth Avenue . . . . .	\$104,099 22	
Fens . . . . .	2,061,623 92	
Riverway . . . . .	632,147 75	
Leverett Park . . . . .	368,462 66	
Jamaica Park . . . . .	243,132 17	
Arborway . . . . .	362,149 23	
Arnold Arboretum and Bussey Park . . . . .	316,902 11	
West Roxbury Parkway . . . . .	10,263 63	
Franklin Park . . . . .	2,102,460 01	
		<hr/> \$6,201,240 70
Marine Park System :		
Dorchesterway . . . . .	\$64,601 84	
Strandway . . . . .	252,317 20	
Marine Park . . . . .	1,038,613 33	
Castle Island . . . . .	31,940 14	
		<hr/> 1,387,472 51
Wood Island Park . . . . .	233,671 20	
Charlesbank . . . . .	307,217 94	
Charlestown Heights . . . . .	101,074 36	
Charlestown Playground . . . . .	9,623 58	
Dorchester Park . . . . .	4,124 95	
Franklin Field . . . . .	80,070 28	
North End Beach . . . . .	163,296 22	
Copp's Hill Terraces . . . . .	30,562 31	
Chestnut Hill Park . . . . .	529 17	
North Brighton Playground . . . . .	3,503 27	
Neponset Playground . . . . .	4,500 00	
Billings Field . . . . .	1,953 91	
First-street Playground . . . . .	9,554 85	
Fellows-street Playground . . . . .	496 28	
General Account . . . . .	73,987 50	
Park Nursery . . . . .	29,947 07	
		<hr/> 8,642,826 10

BETTERMENTS.

Betterment expenses . . . . .	13,356 10
	<hr/> \$15,196,320 94

63

## VII.

**PARK BETTERMENTS COLLECTED BY CITY COLLECTOR,  
TO FEBRUARY 1, 1899.**

	Assessm'ts committed to Collector.	Abated.	Net Assessm'ts	Collected.	Outstand- ing Feb. 1, 1899.
Public Park, Back Bay...	\$434,600 00	\$144,195 73	\$290,404 27	\$290,404 27	
Marine Park.....	23,543 00	12,616 80	10,926 20	10,926 20	
Franklin Park.....	135,029 00	122,000 66	13,028 34	13,028 34	
Parkway, Old Harbor...	60,789 00	50,426 00	10,363 00	8,256 00	\$2,107 00
“ Muddy River...	108,972 00	78,893 00	30,079 00	21,889 00	8,190 00
“ West Roxbury..	154,107 00	111,630 00	42,477 00	30,238 00	12,239 00
“ Dorchester.....	9,713 00	2,196 94	7,516 06	5,355 34	2,160 72
	\$926,753 00	\$521,959 13	\$404,793 87	\$380,097 15	\$24,696 72

## VIII.

**PUBLIC PARK DEBT.**

*Liabilities.*

Total loan outstanding, January 31, 1899 . . . \$12,618,300 00

*Resources.*

Resources of Sinking Fund, January 31, 1899 . . . 2,883,626 90

Net debt, January 31, 1899 . . . \$9,734,673 10

## Park Statistics to January 31, 1899.

PARKS.	Year of Taking.	COST TO DATE.		Total.	Area.	Length of Driveways	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction						
MAIN PARK SYSTEM:									
Commonwealth Avenue.....	1894.....	.....	\$104,099 22	\$104,099 22	30 acres.....	2.8 miles	4.13 miles		
* Fens.....	1879.....	\$596,254 49	2,061,623 92	2,657,878 41	115 " .....	4 "	6.7 "	1.1 miles	28 acres
* † Riverway.....	1890.....	452,457 53	632,147 75	1,084,605 28	40 " .....	1.4 "	2.8 "	1.2 "	8 "
* † Leverett Park.....	1890 and 1892	269,104 04	308,462 66	637,566 70	60 " .....	1.2 "	3.4 "	0.9 mile	14 "
* Jamaica Park.....	1892.....	812,843 56	243,132 17	1,055,975 73	120 " .....	1.5 "	5.6 "	0.7 "	64.5 "
Arborway.....	1892.....	245,584 25	362,149 23	607,733 48	36 " .....	3.4 "	1.25 "	1.4 miles	
* Arnold Arboretum.....	1882 and 1895	79,315 85	316,902 11	396,217 96	223 " .....	3.4 "	6 "	.....	0.6 acre
West Roxbury Parkway.....	1894.....	117,665 29	10,263 63	127,928 92	150 " .....	7 "	8.1 "	2.4 miles	
* Franklin Park.....	1883 and 1884	1,551,196 63	2,102,460 01	3,653,656 64	527 " .....	7.3 "	17 "	1 mile	7.4 acres
MARINE PARK SYSTEM:									
* Dorchesterway.....	1892.....	63,735 54	64,601 84	128,337 38	6 " .....	0.75 "	1.6 "		
Strandway.....	{ 1890, 1892 } and 1897	449,315 97	252,317 20	701,633 17	{ 48 " land } 212 " flats }	1.7 "	3.1 "		
* Marine Park.....	1883.....	232,972 57	1,038,613 33	1,271,585 90	{ 34 " land } 150 " flats }	0.9 mile	2.6 "	.....	4.4 "
Castle Island.....	1890.....	.....	31,949 14	31,940 14	{ 21 " land } 83 " flats }	0.4 "	1.6 "		
Carried forward.....	.....	\$4,870,445 72	\$7,588,713 21	\$12,459,158 93	1,855 acres	35.75	63.88	8.7	126.9



## Park Statistics to January 31, 1899. — Continued.

PARKS.	Year of Taking.	COST TO DATE.		Total.	Area.	Length of Driveways	Length of Walks.	Length of Rides of Rides	Area of Ponds and Rivers.
		Land.	Construction						
<i>Brought forward</i> .....	.....	\$4,870,445 72	\$7,588,713 21	\$12,459,158 93	1,855 acres	35.75	63.88	8.7	126.9
* WOOD ISLAND PARK .....	1882 and 1891	132,800 00	233,671 20	366,471 20	46 acres land { 165 " flats }	0.3 miles	2.5 miles		
* CHARLESBANK .....	1883	373,916 99	307,217 94	681,134 93	10 " .....	.....	1.5 "		
* TRINITY TRIANGLE .....	1885	30,000 00	.....	30,000 00	5,410 sq. feet	.....			
* CHARLESTOWN HEIGHTS .....	1891	50,538 02	101,074 36	151,612 38	4 acres land { 6 " flats }	.....	0.4 mile		
* CHARLESTOWN PLAYGROUND .....	1891	172,923 31	9,623 58	182,546 89	14 " land { 4 " flats }	.....	0.9 "		
* DORCHESTER PARK .....	1891	63,239 97	4,124 95	67,364 92	26 "				
* FRANKLIN FIELD .....	1892	157,341 22	80,070 28	237,411 50	77 "				
* NORTH END PARK .....	1893	419,222 63	133,853 53	613,081 16	3 " land { 4 " flats }	.....	0.43 "		
† CHESTNUT HILL PARK .....	1898	.....	529 17	529 17	37.1 "	2.4 "			
* NORTH BRIGHTON PLAYGROUND .....	1894	21,861 73	3,503 27	25,365 00	14 "				
NEPONSET PLAYGROUND .....	1896	10,703 52	4,500 00	15,203 52	18 "				
BILLINGS FIELD .....	1896	643 75	1,953 91	2,597 66	11 "				
FIRST-STREET PLAYGROUND .....	1897	.....	9,554 85	9,554 85	4.6 "	.....	0.4 "		
<i>Carried forward</i> .....	.....	\$6,303,636 86	\$8,538,395 25	\$14,842,032 11	2298.7 acres.	38.45	70.01	8.7	133.9

Park Statistics to January 31, 1899. — *Concluded.*

PARKS.	Year of Taking.	COST TO DATE.		Total.	Area.	Length of Driveways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.						
<i>Brought forward.</i> .....	.....	\$6,303,636 86	\$8,538,395 25	\$14,842,032 11	2298.7 acres.	38.45	70.01	8.7	126.9
* FREEPORT-STREET TRIANGLE.....	1897.....	4,000 00	.....	4,000 00	6,253 sq. feet				
* NORTH END PLAYGROUND.....	1897.....	130,498 16	.....	130,498 16	11,384 "				
* MYSTIC PLAYGROUND.....	1897.....	50,000 00	.....	50,000 00	2.3 acres.				
* FELLOWS-STREET PLAYGROUND..	1897.....	14,503 72	496 28	15,000 00	36,955 sq. feet.				
* CHRISTOPHER GIBSON " ..	1897.....	37,500 00	.....	37,500 00	8 acres.				
General account.....	.....	\$6,540,138 74	\$8,538,891 53	\$15,079,030 27					
Park Nursery.....	.....	.....	73,987 50	73,987 50					
Betterment Expenses.....	.....	.....	29,947 07	29,947 07					
	.....	.....	13,356 10	13,356 10					
	.....	\$6,540,138 74	\$8,656,182 20	\$15,196,320 94	2,310 acres.	38.45 miles	70.01 miles	8.7 miles	126.9 acres

\* The lands in these parks and playgrounds have been paid for in full. † An additional area of 34 acres is within the limits of the town of Brookline.

‡ An additional area of 35 acres of land and 125 acres of water is under the control of the Metropolitan Water Board.

Of the above total lengths of Driveways, Walks and Rides, there have been completed to date respectively 24.7 miles, 34.7 and 6.2 miles.

## PENDING CONTRACTS.

The Pending Contracts, with the Value of the Unperformed Work, are as follows :

CONTRACTOR.	Place.	Nature of Work.	Date of Finishing speci- fied in Contract.	Amount.	Unperformed.
Woodbury & Leighton.....	Riverway .....	Longwood-avenue bridge....	June 1, 1899.....	\$57,500 00	\$7,228 37
D. F. O'Connell.....	Jamaica Park.....	Wall.....	April 1, 1899.....	4,760 00	4,760 00
C. A. Dodge & Co.....	Arnold Arboretum.....	Posts .....	March 1, 1899.....	1,750 00	1,750 00
John Williams.....	" .....	Gates.....	March 1, 1899.....	2,850 00	1,350 00
A. Hathaway's Sons.....	Franklin Park.....	Toilet-room .....	August 31, 1898....	624 00	624 00
W. A. & H. A. Root.....	" .....	Stable .....	December 31, 1898..	4,590 00	2,501 55
D. F. O'Connell.....	" .....	Wall.....	May 1, 1899.....	5,250 00	5,250 00
Lynn Stall Company.....	" .....	Stable floor.....	March 1, 1899.....	875 00	875 00
W. A. Snow & Co.....	Charlesbank.....	Fence .....	November 1, 1898..	1,430 60	153 60
Boston Bridge Works.....	Wood Island Park.....	Foot-bridges and lamp-posts.	December 15, 1898..	2,915 00	2,915 00
W. A. Snow & Co.....	North End Park.....	Fence.....	November 1, 1898..	867 48	867 48
Simon J. Donovan.....	Strandway.....	Sea-wall and grading.....	June 1, 1898 .....	79,350 00	20,891 50
				\$162,762 08	\$49,166 50





## APPENDIX.

## REPORT OF THE COMMITTEE OF THE MASSACHUSETTS EMERGENCY AND HYGIENE ASSOCIATION IN CHARGE OF THE WOMEN'S AND CHILDREN'S DIVISION AT CHARLESBANK.

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BOSTON, January 18, 1899.

*To the Board of Park Commissioners:*

GENTLEMEN, — In submitting to you our report for the eighth year of our superintendence at Charlesbank, we first note the falling off in general attendance from that of last year; secondly, the growing regularity in the attendance of those who frequent the place, especially among the older ones. This latter fact is full of encouragement, as it shows that the need of systematic, gymnastic practice in relation to health is being more and more appreciated, especially when pursued out of doors. The total week-day attendance for the season of 1898 was 144,787, or a daily average of 999; total Sunday attendance, 18,214, or a Sunday average of 759; attendance in gymnasium, 57,499, or 14,143 less than in the season of 1897, though the general attendance of 1898 was 73,785 less, and the Sunday attendance 2,501 less.

We ascribe this diminution in numbers to the opening of so many other parks to the public, the East Boston, Charlestown and North End Parks and gymnasia especially have attracted many to their advantages, who formerly had only Charlesbank for their summer resort.

There have been regular morning, afternoon and evening (6.45 to 7.45) classes for women, each class meeting twice a week, and two classes for girls (beginners and advanced pupils) twice a week. These classes were instructed by Misses Cutler, Mahoney and Wessel, and the work done has been of a stronger character than ever before.

The bath-house, directly opposite the lodge, with its free, public facilities for swimming, has not had the effect of greatly lessening the number of spray baths taken in connection with our gymnasium. Though for hygienic reasons it was deemed best not to have the tub-bath used this year, the total number of spray baths, 2,704, is but 560 less than the spray and tub baths of 1897, for after all it is convenient and saves time to take a spray bath in the same enclosure with the gymnasium.

The Kindergarten, this year as before, has been for those who were too young for the gymnasium and too old for the sand pens, its oldest girls being appointed volunteer teachers out on the green and enjoying their small responsibilities. The babies of

seven or eight years ago, who practically have spent their summers at Charlesbank, are now its agile little girls, while those who are to-day its puny babies will in their turn grow as strong as their predecessors, if they are left to the sunshine, the sand-pens and the grassy kindergarten of Charlesbank.

The winter evening classes, held from November to April, have grown so large that this season (1897 and 1898) they are held four times a week under the instruction of Miss Cutler on Mondays and Thursdays, and of Miss Mahoney on Tuesdays and Fridays, two or three of Dr. Sargent's pupils giving their assistance as desired.

In June, Miss Elizabeth C. McMartin, who had been Superintendent since the opening of this Division, resigned to accept a position offered her in New York. We were loth to part with her, for her tact and firmness had prevented friction, her patience and skill had developed the gymnastic work, and her personal qualities had won her friends of all who were associated with her. We were fortunate, however, in securing the services of Miss Harriet S. Cutler, of the Allen Gymnasium, as her successor, and under her excellent guidance and the constant supervision of the committee the division has prospered.

KATE GANNETT WELLS,

ANNA PHELPS WILLIAMS,

*On behalf of the Committee.*

## STATUTES OF THE COMMONWEALTH RELATING TO PUBLIC PARKS IN THE CITY OF BOSTON.

[Stat. 1898. — Chap. 141.]

### AN ACT TO AUTHORIZE THE SALE OF CERTAIN LAND TAKEN FOR PUBLIC PARK PURPOSES IN THE CITY OF BOSTON.

SECTION 1. The board of park commissioners of the city of Boston is hereby authorized, with the approval of the mayor of said city, to sell a parcel of land containing nine hundred twenty-one and eight tenths square feet, situated on the northwesterly side of the Back Bay Fens, at the Junction of Audubon road and Peterborough street, in said city, and to apply the proceeds of the sale to the payment of other lands taken by said city for park purposes.

SECT. 2. This act shall take effect upon its passage.

*(Approved March 8, 1898.)*

[Stat. 1898. — Chap. 313.]

### AN ACT TO ENABLE THE CITY OF BOSTON TO FINISH THE CONSTRUCTION OF ITS PUBLIC PARKS.

SECTION 1. The city of Boston shall continue the construction of the public parks of said city, other than playgrounds, and to pay the expenses to be incurred therefor, including payments for land, the city treasurer shall from time to time, on the request of the mayor, issue to the total amount of five hundred thousand dollars, notes, bonds or scrip of said city, payable thirty years from the date thereof, and bearing interest payable at such times and at such rate, not exceeding four per cent. per annum, as shall be fixed by said treasurer: *provided, however*, that the total amount of such bonds, notes or scrip shall not exceed five hundred thousand dollars, and the indebtedness so incurred shall not be taken into account in determining the debt limit of said city; and *provided, further*, that no part of the amount hereby authorized shall be used for the payment of any land not already taken or purchased. Any loan authorized by the city council of said city for the purposes aforesaid, between the first day of January in the year eighteen hundred and ninety-eight and the date of the passage of this act, shall not be taken into account in determining the debt limit of said city, but the loan above authorized shall be reduced by such amount.

SECT. 2. This act shall take effect upon its passage.

*(Approved April 12, 1898.)*



[Stat. 1898. — Chap. 412.]

AN ACT TO PROVIDE FOR A COMPREHENSIVE SYSTEM OF PLAY-  
GROUNDS FOR THE CITY OF BOSTON.

SECTION 1. The board of park commissioners of the city of Boston, for the purpose of establishing a comprehensive system of playgrounds to meet the wants of the different sections of said city, is hereby authorized to purchase, with the approval of the mayor of said city, land for playgrounds in such different locations, not exceeding twenty in number, as they may deem best adapted for such purpose: *provided, however*, that not more than two hundred thousand dollars shall be expended in any one year for said purposes.

SECT. 2. To meet the expenses incurred under this act the city treasurer of said city shall from time to time, at the request of the mayor, issue, to the total amount of five hundred thousand dollars, notes, bonds or scrip of said city, payable at such time, not exceeding thirty years from their date, and bearing interest at such rates not exceeding four per cent. per annum, and such interest being payable at such times, as shall be fixed by said treasurer; and such notes, bonds or scrip shall be within the limit of indebtedness of said city.

SECT. 3. This act shall take effect upon its acceptance by the city council of the city of Boston.

(Approved May 11, 1898.)

[Stat. 1898. — Chap. 452.]

AN ACT RELATIVE TO THE HEIGHT OF BUILDINGS ON AND NEAR  
COPLEY SQUARE IN THE CITY OF BOSTON.

SECTION 1. Any building now being built or hereafter to be built, rebuilt or altered in the city of Boston, upon any land abutting on St. James avenue, between Clarendon street and Dartmouth street, or upon land at the corner of Dartmouth street and Huntington avenue, now occupied by the Pierce building, so-called, or upon land abutting on Dartmouth street, now occupied by the Boston Public Library building, or upon land at the corner of Dartmouth street and Boylston street, now occupied by the New Old South Church building, may be completed, built, rebuilt or altered to the height of ninety feet, and no more; and upon any land or lands abutting on Boylston street, between Dartmouth street and Clarendon street, may be completed, built, rebuilt or altered to the height of one hundred feet, and no more: *provided, however*, that there may be erected on any such building, above the limits hereinbefore prescribed, such steeples, towers, domes, sculptured ornaments and chimneys as the board of park commissioners of said city may approve.

SECT. 2. The provisions of chapter three hundred and thirteen of the acts of the year eighteen hundred and ninety-six, and of chapter three hundred and seventy-nine of the acts of the year



eighteen hundred and ninety-seven, so far as they limit the height of buildings, shall not be construed to apply to the territory specified and restricted in section one of this act.

SECT. 3. The owner of or any person having an interest in any building upon any land described in section one of this act, the construction whereof was begun but not completed before the fourteenth day of January in the current year, who suffers damage under the provisions of this act by reason or in consequence of having planned and begun such construction, or made contracts therefor, for a height exceeding that limited by section one of this act for the locality where said construction has been begun, may recover damages from the city of Boston for material bought or actually contracted for, and the use of which is prevented by the provisions of this act, for the excess of cost of material bought or actually contracted for over that which would be necessary for such building if not exceeding in height the limit prescribed for that locality by section one of this act, less the value of such materials as are not required on account of the limitations resulting from the provisions of this act, and the actual cost or expense of any re-arrangement of the design or construction of such building made necessary by this act, by proceedings begun within two years of the passage of this act, and in the manner prescribed by law for obtaining payment for damages sustained by any person whose land is taken in the laying out of a highway in said city.

SECT. 4. Any person sustaining damage or loss in his property by reason of the limit of the height of buildings provided for in this act, may recover such damage or loss from the city of Boston, by proceedings begun within three years of the passage of this act, and in the manner prescribed by law for obtaining payment for damages sustained by any person whose land is taken in the laying out of a highway in said city.

SECT. 5. This act shall take effect upon its passage.

*(Approved May 23, 1898.)*

[Stat. 1898. — Chap. 540.]

AN ACT RELATIVE TO STREETS AND LANDS IN THE NEIGHBORHOOD  
OF PARKS, PARKWAYS AND BOULEVARDS IN THE CITY OF BOSTON.

SECTION 1. The board of park commissioners of the city of Boston may authorize connections to be made of public ways with any boundary road of any public park or with any parkway or boulevard now or hereafter placed under the charge of said board, according to such directions, widths and grades, and with such curb and other surface construction for the parts of such ways situated within the distance of five hundred feet from a park, parkway or boulevard as they shall prescribe, whether any such directions, widths and grades are shown on any plan, or whether any such way has been laid out or constructed under the provisions of chapter three hundred and twenty-three of the acts of

the year eighteen hundred and ninety-one and acts in amendment thereof or in addition thereto, or otherwise.

SECT. 2. Said board of park commissioners shall have power to plant trees, place seats, standpipes, drinking fountains, and works of art on said parts of ways, and may establish reasonable rules and regulations relating to the displaying of advertisements and to the height and the character of fences placed upon said parts of ways, as they shall deem the public interests require.

SECT. 3. Any person violating any such rules or regulations shall for each day that such violation continues forfeit and pay a fine not exceeding twenty dollars.

*(Approved June 20, 1898.)*

STATUTES OF THE COMMONWEALTH RELATING TO  
PUBLIC PARKS IN OR NEAR THE  
CITY OF BOSTON.

YEAR. CHAPTER.

1866. 247. — An Act to authorize the Erection of a Sea wall, and the filling of certain flats in Charles river, to abate a nuisance.
- \*1870. 283. — An Act for the Laying out of one or more Public Parks in or near the City of Boston.
- †1875. 185. — An Act for the Laying out of Public Parks in or near the City of Boston.
1880. 144. — An Act to authorize the connection of the Arnold Arboretum with the System of Parks of the City of Boston.
1881. 92. — An Act in addition to an Act for the Laying out of Public Parks in or near the City of Boston. [Charles-river Embankment.]
1881. 197. — An Act to authorize the Construction of the Charles-river promenade.
1882. 168. — An Act to authorize the City of Boston to Issue a Public Park Loan
1884. 226. — An Act in relation to betterments for Locating, Laying out, and Constructing Streets, Ways, and Public Parks.
1884. 237. — An Act in relation to assessments for Public Improvements.
1885. 299. — An Act requiring notice of assessments of betterments to be given to the party to be charged thereby.
1885. 360. — An Act in further addition to an Act for the Laying out of Public Parks in or near the City of Boston.. [Marine Park.]
1886. 65. — An Act extending the time for the completion of the Public Park in the City of Boston known as the Charles-river Embankment.
1886. 134. — An Act to change a portion of the line of the Sea wall of the Public Park in the City of Boston, known as the Charles-river Embankment.
1886. 304. — An Act to authorize a Loan for the construction of Public Parks in or near the City of Boston.
1887. 312. — An Act to authorize a Loan for the payment for lands heretofore acquired for Public Parks in or near the City of Boston.
1887. 427. — An Act to enlarge the area for the proposed Marine Park of the City of Boston between South Boston and Castle Island.

\* This Act was to take effect when accepted by two-thirds of the legal voters voting thereon at the State election. The vote in favor was 9,233 ; against, 5,916. The Act consequently was rejected.

† This Act was accepted by a majority of the legal voters voting thereon, June 9, 1875. Yeas, 3,706 ; nays, 2,311.



## YEAR. CHAPTER.

1888. 376. — An Act to authorize the City of Boston to refund a portion of the money paid as betterments for the Marine Park in said City.
1888. 392. — An Act to enable the City of Boston, for the purpose of obtaining lands for its Public Parks, to incur indebtedness outside of the limit fixed by law.
1889. 129. — An Act relating to buildings in the Public Parks of the City of Boston.
1889. 438. — An Act to authorize the enlargement of the proposed Marine Park in the City of Boston.
1890. 271. — An Act to authorize the City of Boston to incur indebtedness outside of its debt limit, to procure and construct one or more Public Parks in the Charlestown District of the City of Boston.
1890. 339. — An Act changing the boundary between the City of Boston and the Town of Brookline.
1890. 444. — An Act to amend an Act authorizing the City of Boston to incur indebtedness outside of its debt limit to procure and construct one or more Public Parks in the Charlestown District of the City of Boston.
1891. 301. — An Act to authorize the City of Boston to incur a debt for Park purposes beyond the limit fixed by law.
1891. 344. — An Act to authorize the City of Boston to construct a Sea wall and extend the Charles-river Embankment.
1891. 390. — An Act to provide for the appointment of the Charles-river Improvement Commission.
1892. 371. — An Act to authorize the City of Boston to take Jamaica Pond and Ward's Pond for a Public Park.
1893. 126. — An Act in relation to raising the grade and changing the location of the Providence Division of the Old Colony Railroad in the City of Boston.
1893. 211. — An Act in relation to the issue of bonds and certificates for Park purposes by the City of Boston.
1893. 225. — An Act to authorize cities and towns to establish and maintain Public Playgrounds.
1893. 258. — An Act to authorize the City of Boston to refund or abate a portion of its betterments assessed for the extension of the Marine Park.
1893. 282. — An Act to provide for a Public Park in Wards 6 and 7 of the City of Boston.
1893. 300. — An Act relative to the Laying out of Public Parks by towns and cities. [Boulevard Act.]



## YEAR. CHAPTER.

1893. 331. — An Act relative to leasing open spaces for Gardens and Playgrounds by cities and towns.
1893. 407. — An Act to establish a Metropolitan Park Commission.
1893. 416. — An Act relating to an Act relative to the Laying out of Public Parks by towns and cities. [Amended Stat. 1893, Chap. 300.]
1893. 435. — An Act in relation to the construction of a Sea wall and the extension of the Charles-river Embankment by the City of Boston.
1893. 475. — An Act to provide for the improvement of Charles river.
1894. 288. — An Act to authorize the Metropolitan Park Commission to construct Roadways and Boulevards.
1894. 396. — An Act to authorize the City of Boston to incur indebtedness beyond the limit fixed by law, for Park purposes.
1894. 483. — An Act to authorize the Commonwealth to acquire the location in part of the Boston, Revere Beach & Lynn Railroad, and to authorize a relocation in part of said railroad.
1894. 509. — An Act to authorize the Metropolitan Park Commission to expend a sum of money, in addition to the amount heretofore authorized, for open spaces along or near the Charles river.
1895. 45. — An Act to authorize the Extension of the Arnold Arboretum.
1895. 185. — An Act to authorize the City of Boston to abate a Portion of the Betterments made on account of the Laying out of Jamaica Park and Arborway.
1895. 272. — An Act changing the Limits within which Land may be taken by the Metropolitan Park Commission within the City of Medford.
1895. 305. — An Act relative to the taking by the Metropolitan Park Commission of Revere Beach, so-called, in the town of Revere.
1895. 450. — An Act relative to the Metropolitan Park Commission.
1896. 199. — An Act relative to violations of regulations of Public Parks.
1896. 284. — An Act relative to excavations, fillings and constructions in tide waters for the purposes of the Public Parks of the City of Boston.
1896. 313. — An Act relative to the Building line and height of buildings on Parkways, Boulevards and Parks.
1896. 411. — An Act to authorize the sale of certain lands taken for Public Park purposes in the City of Boston.
1896. 453. — An Act to authorize the City of Boston to continue the construction of its Public Parks.

## YEAR. CHAPTER.

1896. 465. — An Act to better define the authority of the Metropolitan Park Commission.
1896. 466. — An Act increasing the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1896. 472. — An Act increasing the amount of money placed at the disposal of the Metropolitan Park Commission for the construction of Roadways and Boulevards.
1896. 550. — An Act relative to the Metropolitan Parks and Boulevards.
1897. 121. — An Act to further define the authority of the Metropolitan Park Commission.
1897. 162. — An Act to authorize the City of Boston and the Town of Brookline to rebuild Longwood-avenue bridge.
1897. 311. — An Act to provide for the interest and sinking-fund requirements of the Metropolitan Parks Loans and expenses of the Metropolitan Park Commission.
1897. 365. — An Act to authorize the Board of Park Commissioners of the City of Boston to lease lands or buildings under their control for boat-houses and other purposes.
1897. 379. — An Act relative to the building line and height of buildings on parkways, boulevards and parks.
1897. 394. — An Act relative to Parkways in the City of Boston.
1897. 396. — An Act to authorize the City of Boston to abate a portion of the betterment assessment made on account of the laying out of Dorchesterway.
1897. 464. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1897. 521. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for the construction of roadways and boulevards.
1897. 523. — An Act to provide for a highway around the Back Bay Fens in the City of Boston.
1898. 141. — An Act to authorize the sale of certain land taken for public park purposes in the City of Boston.
1898. 313. — An Act to enable the City of Boston to finish the construction of its public parks.
1898. 412. — An Act to provide for a comprehensive system of playgrounds for the City of Boston.
1898. 452. — An Act relative to the height of buildings on and near Copley Square in the City of Boston.

## YEAR. CHAPTER.

1898. 455. — An Act to define the liability of the Commonwealth arising from defects in streets on certain lands under the care and control of the Metropolitan Park Commission.
1898. 463. — An Act to provide for the improvement of the banks of rivers and ponds within the Metropolitan Parks district.
1898. 473. — An Act relative to betterment taxes assessed by the Metropolitan Park Commission.
1898. 530. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1898. 531. — An Act to authorize the construction of a dam across the Charles river, between the cities of Boston and Cambridge.
1898. 540. — An Act relative to streets and lands in the neighborhood of Parks, Parkways and Boulevards in the City of Boston.
1898. 547. — An Act to authorize the Metropolitan Park Commission to construct a bridge across the Saugus river.





City of Boston.  
DEPARTMENT OF PARKS.

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TWENTY-FIFTH ANNUAL REPORT

OF THE

BOARD OF COMMISSIONERS

FOR THE

YEAR ENDING JANUARY 31, 1900.



PRINTED FOR THE DEPARTMENT.

1900.



# DEPARTMENT OF PARKS.

## COMMISSIONERS' REPORT.

HON. THOMAS N. HART,

*Mayor of the City of Boston :*

SIR, — The Board has the honor herewith to submit this report for the financial year of 1899–1900. Full details of the work of the department during the year will be found in the accompanying report of its superintendent.

It may be well to state again briefly the motives which have actuated the Commission in the construction and improvement of the parks in its charge. The desire and aim of the Commission is, first, to make the parks as valuable as possible to the whole community and not to any special class ; and, second, so to construct and finish them that the cost of maintenance, which in any case will be large can be reduced to the smallest possible limit. The Commission believes that the greatest enjoyment by the greatest number of persons will be obtained by retaining, as far as it is practicable to do so, a natural and rural character to our parks, especially in the larger parks like Leverett, Jamaica and Franklin. Such parks are valuable in proportion as they are capable of bringing the country into the city, and in furnishing to the crowded dwellers of the tenement districts an opportunity, unobtainable for them in any other way, to enjoy real rural and sylvan sights. To accomplish this all evidence of the surrounding city must be shut out as far as practicable from the inside of the park, and it cannot be too often repeated that parks are for the benefit of the many who use them, and not especially for the benefit of the comparatively few who live on their borders and desire to look into them. The Commission believes that the rural character of the parks can

only be obtained by protecting their boundaries with continuous masses of foliage, and that its first duty is to protect all such border plantations and encourage their growth in every practical way.

The Commission is laboring to make the parks natural in appearance and simple in detail, and it believes that no unnecessary buildings, walks or drives should be allowed to interfere with the simplicity of design and the rural character of the parks in its charge.

The suppression of unnecessary walks, drives and buildings, increasing naturalness, reduces the cost of maintenance, and economy of maintenance is also secured by planting every tree and shrub in the best possible way, and by furnishing them with an abundant supply of good soil. The Commission endeavors in its selection of material for park planting to use only such species as have shown themselves absolutely hardy in this region, and such plants only as harmonize in association. Hardiness and fitness are found in the greatest degree in the native plants of any region, and for this reason the Commission in planning its plantations confines itself largely to the trees, shrubs and herbaceous plants which grow naturally in New England.

The necessity of acquiring more land for playgrounds in different parts of the city becomes every year more evident. The most crowded parts of the city are either entirely unsupplied with proper breathing spaces or are very inadequately provided with playgrounds, and it is the opinion of the Commission, after a long and careful study of the subject from every point of view, that wise municipal economy would authorize the expenditure of another million dollars during the next two, three or four years in securing additional playgrounds in areas of from one to six acres both in the crowded and in the outlying districts of the city.

Under the Playground Act, being chapter 412 of the Acts of 1898, the following playgrounds have been taken: Columbus avenue, 4.9 acres; Ashmont, 2.2 acres; North End, a small addition to the Prince-street playground, 1,426 feet; Savin Hill, 18.6 acres; Roslindale, 3.7 acres; Forest Hills, 10.3 acres; being a total of 39.6 acres.



## 5

Under chapter 274 of the Acts of 1899, placing in this department the custody, care and control of all lands owned by the City of Boston about Chestnut Hill Reservoir, authority was given to this Board to take additional lands and \$150,000 was provided for that purpose. Under this authority, for the purpose of protecting our parkway and other lands of the City, nearly five acres were taken by us, making the whole area under the control of the Board about forty-two acres.

Respectfully submitted,

CHARLES E. STRATTON,  
LABAN PRATT,  
JAMES M. PRENDERGAST,

*Commissioners.*

BOSTON, January 31, 1900.



## SUPERINTENDENT'S REPORT.

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TO CHARLES E. STRATTON, LABAN PRATT AND JAMES M.  
PRENDERGAST, *Commissioners* :

GENTLEMEN, — I herewith submit a report of the work performed, under the direction of your Board, in this department during the year 1899 :

### FRANKLIN PARK.

The most important work of the past year throughout the park system, has been that of planting and preparing ground for planting. Work was continued in Franklin Park on the bordering belts, much material for these strips being obtained from the thinning out of the plantations made two years ago, which were planted thickly for the mutual protection of the trees and shrubs. These plantations now are nearly completed ; little remains to be done excepting the filling up of a gap here and there, the ground for which has been prepared in readiness for planting when the season opens.

In the preparation of ground for planting much care has been given. Where a sufficient depth of soil was found the ground was well ploughed and subsoil ploughed, the operation being repeated two or three times, until the soil was reduced to a mellow, friable condition. Where the depth of soil was deemed too light for good tree growth, loam was added until a depth of about two feet was attained, the depth varying with the character of the subsoil. This careful preparation, although seemingly costly, is in the line of true economy, for, without a sufficiency of loam as a basis, luxuriance of growth cannot be attained. For example, such tracts as the Wilderness, Long Crouch Woods, Abbotswood and Scarboro Hill, where the soil is thin and poor, are covered mostly with a growth of oaks of scrubby, starved appearance, which will not improve as they grow older. The addition of twelve inches of loam to these

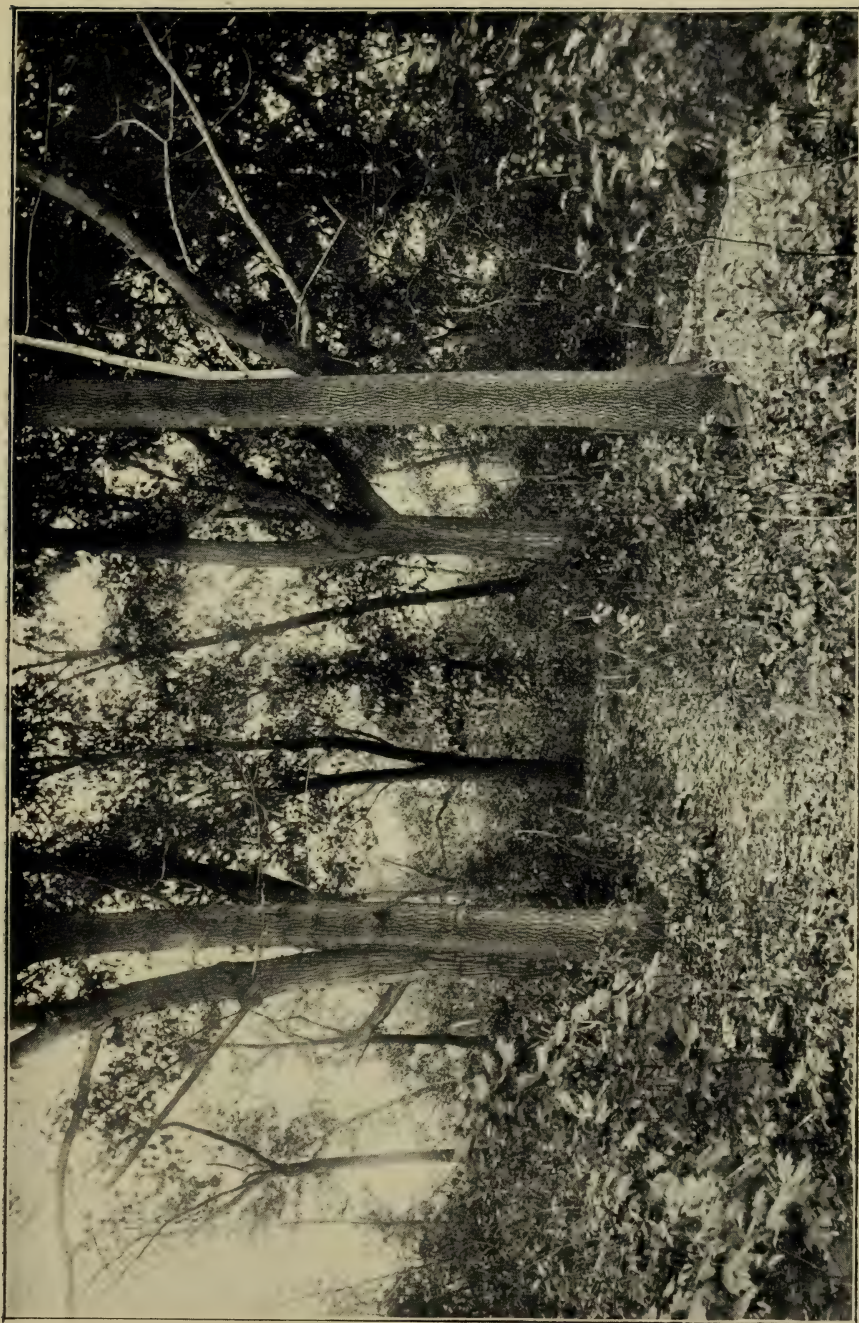
areas would stimulate the growth of saplings, and produce woodlands, the luxuriance of which the next generation would appreciate. Such treatment, at the present price of loam, would cost about eleven hundred dollars per acre, but it means the difference between a woodland of weak, starved growth, and one of trees of individually fine proportions and beauty. A portion of the woodlands has had from six to ten inches of loam applied, the results of which will soon be apparent. The places selected were Abbotswood, Schoolmaster Hill, the rocky boundary of Walnut avenue, and a few smaller areas where clumps of timber have established themselves on rocky knolls in the meadows. It is much to be hoped that this work can be continued until all requirements of this nature are furnished, as loam is the foundation of fine tree growth.

On the street line and outer boundaries of the park, substantial walls have been built of seam-faced Quincy granite. These walls are three feet six inches high, and two feet in thickness, and form a very handsome and dignified fence for the protection of the park, preventing indiscriminate tramping over the borders, to the destruction of the adjoining plantations. Openings are provided to give easy and convenient access to the paths in the park. The planting behind these walls of trailing vines and pendulous shrubs will be completed in the spring. When grapes, bitter-sweets and Virginia creepers, beneath a canopy of shrubs, partly cover the walls, the effect to passers on the street will be pleasing.

Tree pruning was continued until the fall of the leaf, when the work of thinning out saplings was begun in the old woodlands.

The grounds that for the past three years have been used as nurseries will be cleared of stock in the spring, and graded and planted in harmony with the adjacent landscapes. The ground is of a fine, rolling character, which gives an opportunity to form some charming, grassy slopes, receding from the drive to a background of timber, which will add very much to the beauty of that part of the park. New grounds have been prepared for nurseries in West Roxbury Parkway, Franklin Field and at Chestnut Hill Reservoir. Consider-





AUTUMN. FRANKLIN PARK (NEAR SEAVER STREET).



able young stock was planted in them last spring, and preparation has been made to continue the work this year. The stock will include hickories, maples and twenty thousand seedling oaks of various species, besides a variety of other trees and shrubs. Large sowings have also been made for future use of the seeds of many kinds of trees and shrubs.

The drainage of Nazingdale was completed during the past season, with the exception of a little more tile drainage that may be necessary in spots. The work was not fully carried out according to plan, in the expectation that the main pipe and a few lateral pipes thrown out into the wet places, together with the cutting off of the open brook, would render further draining unnecessary.

Work on the Glade was continued, and was completed early in the summer. The small pond opposite Elm Hill avenue was retained for the use of the children of the neighborhood, who enjoy playing around its shores and sailing little boats on its surface. The swale running southeast from this is now being tile-drained into the pond in the hope that it may thus be kept supplied.

A cluster of administration buildings have been erected, comprising storerooms, carpenter and paint shops, machine shop, blacksmith shop, carriage-house, and sheds for wagons, carts, steam-rollers and other machinery. The buildings are of brick with slate roofs, and one steam-boiler heats the whole plant, including the harness-rooms of the stable built last season. A gas engine is now being set up to operate saws, grindstones, lathes, drills, etc., which will greatly facilitate and economize the work of the department.

The retaining wall of the administration yard is fast nearing completion. For the construction of this wall the department has made use of a large quantity of rocks and boulders gathered from the lawn surfaces throughout the park. The work yet to be done here is the surfacing of the yards and the completion of the service roads.

On Morton street boundary a swampy piece of ground was filled with the excavated material from the yards. A double purpose was thereby served, thus enabling the depart-



ment to screen its administration buildings from view, while forming from the swamp a very good piece of open ground. Next to the street will be planted a screen belt of timber, and a space will still remain which could, if needed, be advantageously used for a playground.

#### THE ARBORETUM.

The filling for the drive across the valley in the new line of Bussey street was completed last summer, and the drive connection leading to the South street entrance finished. A walk eight feet wide was constructed also on the slope below the drive, extending entirely around the hill. The work of grading the slopes and filling the depression outside the Fairview street entrance was likewise completed. Wrought-iron gates of handsome design have been erected at the South and Fairview street entrances.

The work of construction on the Peters' Hill extension to the Arboretum now may be said to be completed and ready for the planter.

Walls have been built on the Walter street and Centre street boundaries, and on the south boundary, parallel with Mendum street, between the Walter street cemetery and the railroad.

#### WEST ROXBURY PARKWAY.

Grading of the central driveway was commenced last fall on the part lying between Anawan avenue and Washington street, and was continued until the approach of winter. The grading of the sub-bed of the road was then finished to within eight hundred feet of Washington street. Through the lower or eastern end of the Parkway, between the Arboretum at the Walter street gate and Weld street, a bridle path was opened for rough country riding by simply clearing an opening through the brush twenty feet wide and removing dangerous stones and stumps.

#### JAMAICA PARK.

The work of grading at Pine Bank was continued and completed last summer. The notable features of the work





SHORE OF JAMAICA POND AT PINE BANK.



were the cutting away of the neck on which the old stable stood and the lowering of the high bank along the Perkins street side. This allowed of the shortening of the long flight of steps at the corner entrance. A path was constructed from the steps to the Commissioners' office, and a new road built from the office to Jamaica way.

Preparation has been made for a plantation of hemlocks on the Perkins street slope, while around the ridge of the plateau pines will be planted in the spring, the ground for these and for the other proposed planting being in readiness.

The space between the path and high-water mark on the shores of the pond around the slope of Pine Bank was excavated and filled with loam, to further carry out the plan of softening the water-edge by planting. The present wide expanse of gravelly shore affords little relief to the eye of the pedestrian; a few trees planted at intervals on this strip will in time give much needed shade to the path.

At Pond street, filling from excavations on the bridle path, nearby, has been deposited in the pond in front of the retaining wall, forming a sloping beach. By removing the top of the wall and lowering the grade of the walk, room has been made for a loam border, and the shore at this point has been restored to a resemblance of its natural condition. Without doubt, within two years after the completion of this work, the circuit of Jamaica Pond will prove one of the most attractive walks in the park system.

#### LEVERETT PARK.

It was deemed advisable by your Board to fill up the chain of small artificial ponds in Leverett Park that had been made some years ago, at the request of the Boston Society of Natural History, for the exhibition of aquatic animals and plants, but which had never been used for this purpose. The reason for their existence being gone, they seemed out of keeping with the surroundings. The chance to create a very fine glade effect by levelling up the ponds and regrading part of the open space was very apparent, and the change was made at little cost. By removing a short stretch of walk, bridle-path and shrub border, the lawn was lengthened to the drive,



and a very pretty view opened of a hollow glade extending back to an abruptly rising, timber-clad hillside.

Both in Leverett Park and at Ward's Pond, several paths which were paralleling other paths or needlessly cutting up the ground into small strips were taken up, thus allowing of a broader and simpler treatment of the planting. A large quantity of loam was used for these changes in getting the ground into readiness. On the north slope at Ward's Pond the ground was prepared to plant with rhododendrons; and the edge of the pond, to a point eight feet down the slope, below the water mark, was loamed for water-lilies and other aquatic plants.

The above work was commenced at Leverett Park and Ward's Pond in the spring, but on account of the pressure of other work, was discontinued until the fall.

#### THE FENS.

The rearrangement of the plantations in the Fens was continued during the past season. Trees, misshapen or ruined from overcrowding were removed, and numbers of a coarse, short-lived willow were cut down which never could be effective as a feature of Fens landscape beauty, and which probably were planted merely to serve as protection for the better trees intended to remain permanently. Pines and Norway spruces also had been set out freely, evidently with the same intent, but, like the willows, they too had mutilated or entirely ruined the trees they were intended to protect. Shrubs, quite properly, had been planted thickly, but had not been thinned out when they commenced to mingle their branches with each other. The result was a tangled mass of trees, shrubbery and herbaceous plants, without apparent design or character, and in need of drastic measures for correction; in places the damage done was so great that a complete clearing of the ground was necessary. Any trees or shrubbery found to be of value were retained, and a general replanting made. This work has been prosecuted during the past two seasons, and covers a large part of the Fens area. The trees and shrubs have been planted thickly to allow of a greater variety from which to select, from time to time, as thinning out is



needed, those most fitting to remain. This method gives quicker effects, besides providing shelter and protection; it also furnishes stock of the best quality for planting elsewhere.

The condition of the flow from Stony brook into the Fens through Commissioners' channel, becomes worse every year. The subject of diverting this drainage and sewage from the Fens is one calling for earnest effort.

The improvement of Charlesgate was undertaken during the past season, a contract having been let for the construction of a sea-wall across the opening, in line with the Beacon street wall, and the construction of gate-chambers for regulating the water conditions of the Fens and Stony brook channel. The work is well underway. It is expected the contract for the above work, and the filling, will be completed by June 1, 1900, when the site will be ready for the construction of the conduits and the superstructures.

#### THE PARKWAYS.

During the season, an addition of two and one-half feet in width was made to the tree-border on the Riverway, between Brookline avenue and a point about 500 feet south of Huntington avenue. An excavation of about three feet in depth, with enlargements opposite each tree, was made in the path alongside of the border, and was filled with loam. The loam bed is now, exclusive of the larger additions at each tree, seven feet six inches wide, and three feet deep. While this may serve for present requirements of tree growth, in seven or eight years further additions of loam will be needed to insure full development.

Throughout the Fens the filling is of sharp, porous gravel, and permits of the free leaching of plant food from the too-thin covering of loam above. The tree-borders on either side of the Parkway have the further disadvantage of being simply trenches, excavated in the gravel, and filled with loam, and are subject to absorption of moisture and nutritive properties from three sides. While trees may exist under such conditions, they cannot flourish. Whenever the roots of the trees reach the gravelly boundaries of their loam beds, stunted growth commences, and the trees become weakened

and more subject to the attacks of disease and insects. The only remedy is to add loam rich in plant food. This condition exists in many places along the parkways, besides in the Fens, and, unless corrected in the manner indicated, will prevent the development of an avenue of trees, except of a broken, uneven, and inferior character.

In the spring of the past season, we planted two lines of Gingko trees (*Salisburia Adiantifolia*), for the Street Department, on Tonawanda street. They made a fairly good growth during the summer, and have stood the winter very well. If this experiment is successful it will result in adding a useful and beautiful tree to our streets; it is without an insect enemy, so far as I know, it grows freely, and its foliage is open and lightsome, not shading the ground below as densely as the maple.

A border, seven feet six inches wide by three feet deep, extending from the Fenway, near Boylston street, to the turn of the path into the Wilderness, in Franklin Park, has been dug in the bridle-path, and filled with loam. The total length of this border has been planted with trees and shrubbery, to form a canopy of shade with the trees on the opposite side of the road, as well as to shade the bridle-path. The planting of shrubs in this strip serves to relieve the glare of the combined width of bridle-path and driveway; it gives, also, a little seclusion to equestrians, as well as protection to the young and newly planted trees. When the trees become large the shrubbery will have served its purpose, and will cease to flourish. It can then be replaced by a lawn. The greater part of the trees and shrubbery used in the work were from Franklin Park and the Arborway, obtained in thinning out the plantations made there, two and three years ago.

A cinder path was laid on the east side of the Riverway, extending from Brookline avenue to Huntington avenue. This path is now quite popular with pedestrians, on Sundays, a large portion of whom seem to prefer the bustle and life of the drive, rather than the quiet of the path below, by the brookside. Cinder paths were laid also on both sides of the Arborway, between Centre and Pond streets.

## OIL EXPERIMENT.

During the past season, under your instructions, an experiment was made with crude petroleum for laying dust on the driveways. A section of Jamaica way about eight hundred feet long was sprinkled with the oil, about six gallons per linear foot being used. At the time of its application the roadway was hard, clean, and smooth; the first effect seemed to be a slight disintegration of the surface, small pieces of macadam being loosened from their bond, which the wear of traffic crushed into powder; this became permeated with the oil, and formed a cushion on the surface of the road, very elastic and pleasant to drive upon. The treatment resulted in the abatement of dust for a period of two months on that part of the road subjected to it.\*

At the rate paid for the oil the cost was two cents per linear foot, or \$105.60 per mile of road, forty feet wide, per barrel lots. It is possible that the cost could be much reduced were purchases made by car-load lots. The cost of watering per mile for the same period would be about two hundred dollars per mile. This comparison, however, does not cover the ground, as under the oil treatment the dust was laid perfectly for a period of over two months, night and day, while under ordinary sprinkling with water, even under the most careful management, there are times when the dust cannot be controlled.

One serious objection to the adoption of the oil treatment for laying dust on our parkways is the rank odor of the material; after the lapse of six or eight weeks it was still very offensive and the source of much complaint.

Apart from the above objection the experiment demonstrated the fact that dust can be more effectually laid by the oil treatment than by water sprinkling, and at less than half the cost.

To prevent disintegration of the surface, on first application to a hard, clean road, it might be well to spread a cushion of slightly loamy sand as a matrix for the oil.



## CHARLESBANK.

The gymnasium in this popular resort for young people has had a successful season; the interest in class and athletic work is evidently increasing. A very interesting public exhibition was given during the summer, before a large number of people. The work done was of a high standard; the class work of the young men and children being especially noticeable for precision and grace.

Classes were held as usual each day, one in the afternoon for school children, and another in the evening for young men. In the intervals of class work general exercise is permitted; all work being conducted under the supervision and direction of Mr. John W. Bowler, the Superintendent in charge of the gymnasium.

The wisdom of the experiment of opening the mounds to women and young children is shown more and more each season; the lawns are opened alternately to afford alternate periods of rest and use to each. The trees with which they are covered, although small, yet afford considerable shade, which is fully appreciated by those who cover the lawns from the dense population of the neighborhood.

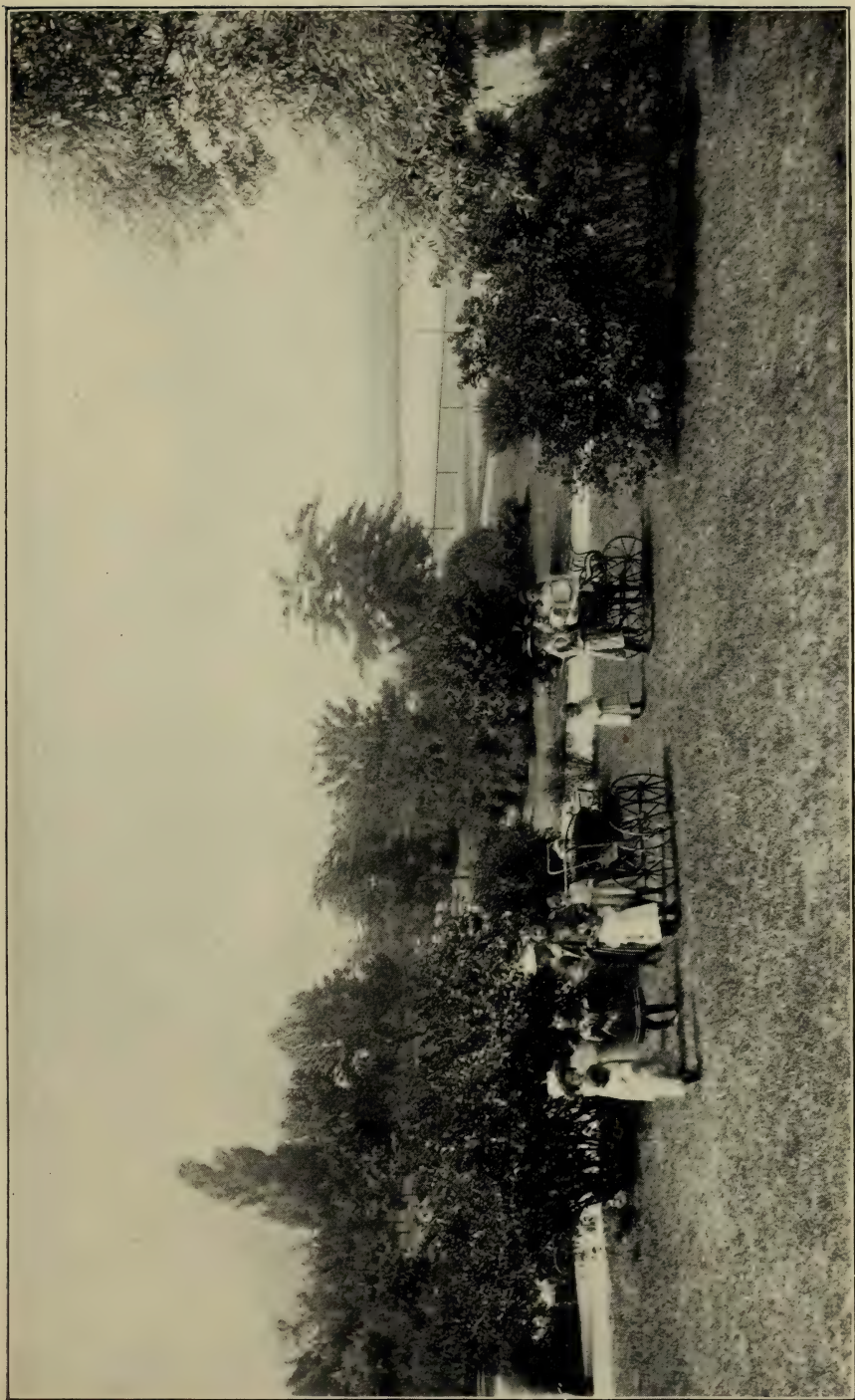
To increase the lawn area an unnecessary walk on the mound parallel to and distant eight feet from the river promenade has been taken up, and the opening filled with loam in readiness for seeding in the spring. A large quantity of tree holes have been prepared for planting, and shrubbery scattered over the mounds has been collected and planted, with contributions from Franklin Park, on the Charles street boundary, to thicken the leafy screen and give greater seclusion to those using the mounds.

The women's gymnasium was conducted as usual by the Massachusetts Emergency and Hygiene Association, whose report will be found elsewhere.

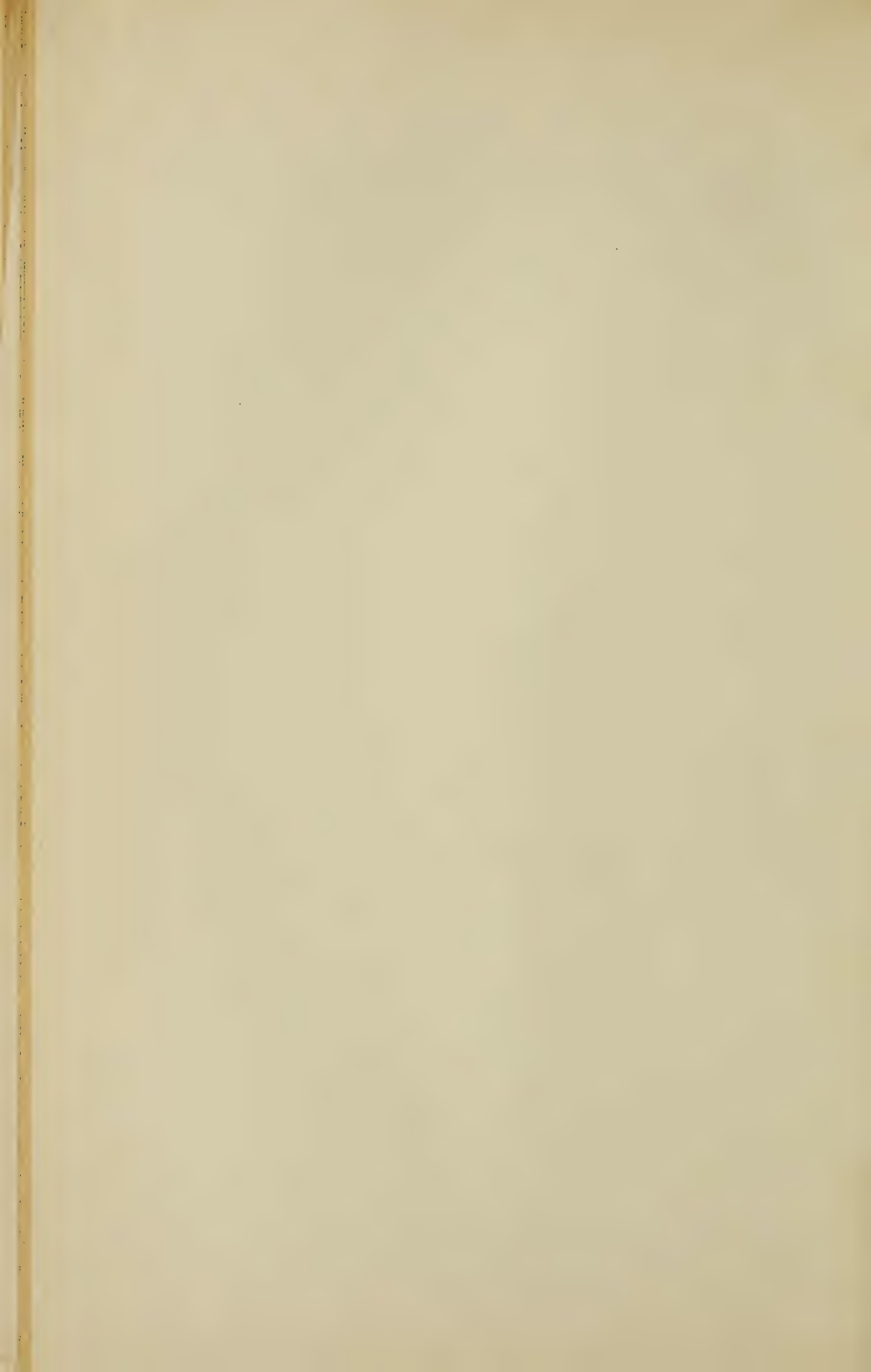
## WOOD ISLAND PARK.

The planting of Wood Island Park was nearly completed in the spring; the trees and shrubbery are making a good growth, in spite of the bleak situation, and bid fair to give





CHARLESBANK. CHILDREN'S USE OF PARK.



shade on the hillsides within three or four years. The last of the stored loam piles have been distributed, and the last of the grounds intended for plantations have been ploughed, and are in readiness for spring planting. Various parts of the plantations have been tile-drained, and the cricket ground has been enlarged, giving increased facilities for the game, which in East Boston is very popular. A very flourishing club makes Wood Island its headquarters.

The gymnasium continued its work, classes for women and children being conducted by Miss Maud Wessel two afternoons and evenings of each week, during a part of the season; the usual classes for men and boys, with the other work of the gymnasium, being directed by Instructor James R. Walsh.

Wood Island is a delightful recreation ground, and very popular with the people of East Boston; on account, however, of its isolation it is not used nearly as much as it might be. A walk of three-fourths of a mile, or over, between the street cars and the beach, including a dangerous railroad crossing, is a formidable task to women, more especially when encumbered with the care of children. Were the railroad-crossing problems at Bennington street satisfactorily solved, street car facilities might be extended to the park, and its benefits brought nearer to the public.

#### CHARLESTOWN HEIGHTS.

At Charlestown Heights an iron picket fence was erected on the retaining wall on the St. Martin street side, and the border on that side was loamed and prepared for planting. The sand courts and the small lawn were in constant use by the little folks; the grass was much worn, but no serious damage was done to trees or shrubbery.

#### MARINE PARK.

The grounds surrounding the "Natural History Pools," prepared the previous season, were planted in the spring; several species of trees were used — experience will show which would best be retained for permanent trees. The borders between the walk and driveway were also planted



with Norway maples, for shade to the walk and drive. The board walk extending from the Farragut monument to the Castle Island bridge was taken up, and a cinder, macadam path laid down in its place, a loam border, seven feet wide and three feet deep, being made between the walk and the drive, for shade trees.

A handsome building was erected on the new boat landing, to serve as a ticket office and shelter for those using the pleasure boats, one line of which ran to Castle Island, another to Squantum, and one to North End Beach. Row boats and sail boats were also kept for hire. The transfer of this business to the new landing will allow of the removal of the old temporary landing which now disfigures Pleasure Bay.

The North End Beach band stand, being inconveniently placed there, was removed to Marine Park for Sunday concerts, which were largely attended.

The popularity of this delightful sea-side place is greater every year; it is convenient of access, has good bathing and boating facilities, a well-managed refectory, and charming views of the harbor life and scenery.

The Strandway sea-wall, and the sub-grading of the driveway and ornamental grounds were completed the past season, and about one thousand yards of loam were purchased and spread on the latter, for use when they are laid out. A pipe rail fence is now being erected on the coping of the sea-wall, on the open dock grounds, at and adjacent to the boat landing.

Early in the season, Castle Island was again placed in charge of the Park Department by the United States Government.

#### DORCHESTER PARK.

Stone walls of seam-faced granite have been built at Dorchester Park on the Adams street and the Dorchester avenue boundaries. A gang of five tree pruners worked the greater part of the season cutting out dead branches and stumps; another season will be required to finish this important work. Ground behind the Dorchester avenue wall has been prepared for planting.



## COPP'S HILL TERRACES.

The iron fences and wall crestings were built here the past season and have been a great protection to the trees and shrubbery, which will now have a chance to grow and give shade to the flagged spaces that are so popular with the children.

## PLAYGROUNDS.

## FRANKLIN FIELD.

*(Area 77 acres.)*

On account of the construction of a drain on Chapman avenue by the Sewer Department, we were unable to draw off the water from Franklip Field until very late in the spring, and the sod had been completely destroyed thereby. The dryness of the spring and summer prevented the growth of the seed sown, and though the old dead turf held the surface together until late, it is to be feared that it will be loose and soft this season, until the newly seeded grass gets strength.

A much needed improvement is that of surfacing the field with loam to fill up the holes and other depressions which are appearing over a large area, probably caused by the decomposition of the tussocks thrown together when the field was originally graded.

## CHRISTOPHER GIBSON PLAYGROUND.

*(Area 6 acres.)*

Dorchester avenue and Park street. A shelter and sanitary building has just been completed here, which will be opened for use early the coming season. The low ground has been filled nearly to grade, and loaming for tree planting has been partially done on the boundaries.

## NEPONSET PLAYGROUND.

*(Area 18 acres.)*

Neponset avenue. The only work of improvement consisted of filling over the drained portion, and enlarging and damming the area available for the skating, which has been enjoyed by large numbers.

## BILLINGS FIELD.

*(Area 11 acres.)*

LaGrange street, near Centre street, West Roxbury. The filling received the previous season was levelled and the ground drained, forming a very good playground. A little more filling is needed, as are also shelter and sanitary buildings.

## NORTH BRIGHTON PLAYGROUND.

*(Area 1 $\frac{1}{4}$  acres.)*

Western avenue and North Harvard street. No work of construction was done on this playground. About three acres have been levelled, which fills the present requirements for a playground; a plan of drainage for the remainder of the ground is now being prepared. Shelter and sanitary buildings are needed.

## CHARLESTOWN PLAYGROUND.

*(Area 1 $\frac{1}{4}$  acres.)*

Corner Main and Alford streets. The filling of this ground is proceeding rapidly, and bids fair to be completed the coming season. Arrangements have been made to clear off all the buildings now on the grounds. Sufficient space for present needs has been levelled, and kept in condition for games. An iron picket fence is now under contract for Alford street boundary line.

## MYSTIC PLAYGROUND.

*(Area 2 1- $\frac{1}{4}$  acres.)*

Chelsea street and Mystic river, Charlestown. "An expanded metal" fence was built along the river front, and an iron picket fence on the Scott court boundary line. A sanitary and shelter building is needed here.

## FIRST-STREET PLAYGROUND.

*(Area 5 acres.)*

First and M streets. No construction work was done here. The grounds are in good condition for playing ball, and the

track is well patronized for bicycle contests. Fencing and sanitary buildings are needed.

#### FELLOWS-STREET PLAYGROUND.

*(Area 3-4 acre.)*

An iron picket fence now encloses this useful little playground, and fixed benches have been constructed around its sides; shade trees will be planted next spring in the loam beds prepared last year. A sanitary building and shelter are needed. Sand-boxes, or pits, would be an acceptable addition for the little folks.

#### NORTH-END PLAYGROUND.

*(Area 1-4 acre.)*

Prince and North Bennet streets. This is the smallest, and the most used playground for its size in the department. A small addition to its area was made. A corner here might be laid out in sand-pits, with good advantage.

#### ROGERS PARK.

*(Area 7 acres.)*

Foster and Lake streets, Brighton. This newly acquired playground contains a piece of ornamental ground, at the upper end, the trees of which have been thinned and pruned. On the lower end the ground has just been tile-drained and will, when graded, form a very useful playground. Sanitary accommodations and fencing are needed.

#### NEWLY ACQUIRED PLAYGROUNDS, ON WHICH NO WORK HAS BEEN DONE.

Columbus Avenue Playground, 4.9 acres, Columbus avenue and Camden streets.

Roslindale Playground, 3.7 acres, South Walter and Robert streets.

Forest Hills Playground, 10.3 acres, Washington street near Mt. Hope.

Ashmont Playground, 2.2 acres, Carlisle and Brent streets.

Savin Hill Beach, 18.6 acres, Springdale street and Dorchester bay.

## SKATING.

The season of 1899 and 1900 has been very unfavorable for skating; although a great deal of effort was made, the weather was against success. The following areas were available when conditions were favorable:

Jamaica Pond,	64.5	acres
Franklin Field,	35.0	"
Billings Field,	5.0	"
Roslindale Playground,	1.0	"
Christopher Gibson Playground,	1.6	"
Neponset Playground,	5.0	"
First-street Playground,	4.0	"
Charlesbank,	1.4	"
Charlestown Playground,	1.0	"
Wood Island Park,	8.0	"

Respectfully submitted,

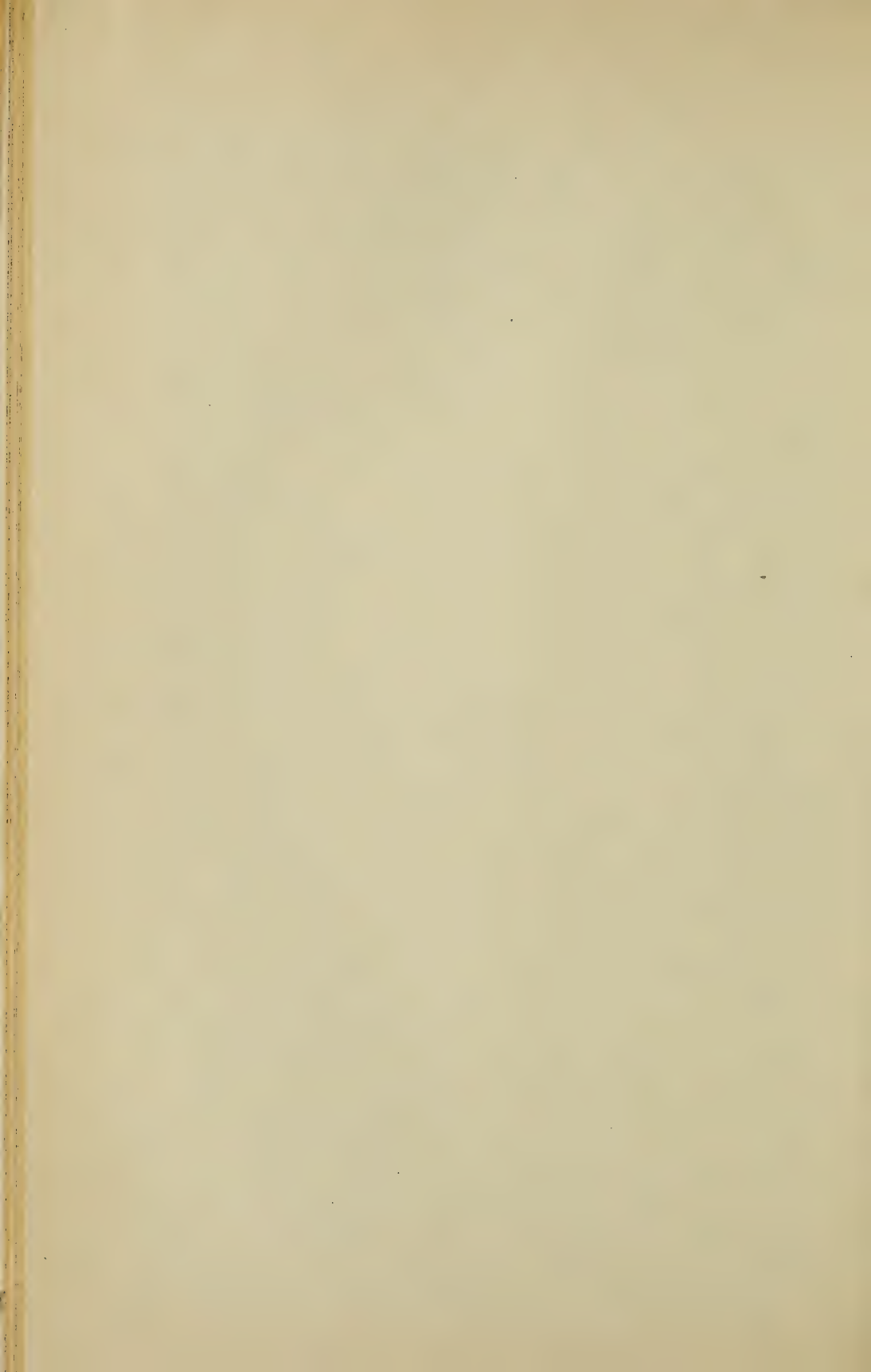
J. A. PETTIGREW,

*Superintendent.*





SHORE OF JAMAICA POND (NEAR PERKINS STREET).



## ENGINEER'S REPORT.

MR. J. A. PETTIGREW,

*Superintendent:*

DEAR SIR,— I herewith submit the engineer's report for the year ending January 31, 1900 :

## COMMONWEALTH AVENUE.

Gutters repaved . . . . .	20 square yards.
Granite frames and iron gratings placed around trees in sidewalk . . . . .	14 square yards.
Sidewalk pavement taken up and relaid around gratings . . . . .	130 square yards.
Loam bought and spread on plantations,	815 cubic yards.

## THE FENS.

Stationary seats built . . . . .	256 linear feet.
Loam bought and spread on plantations,	5,485 cubic yards.
(To widen side roads at Boylston road and connect park road with Peter- borough street.)	
Driveway surfaced . . . . .	600 square yards.
Gutter paved (granite block) . . . . .	777 square yards.
Curbstone set . . . . .	973 linear feet.
Drain-pipe laid (8-inch) . . . . .	45 linear feet.
Catch-basin built . . . . .	1

September 18, 1899, a contract was made with William L. Miller for building a sea-wall and gate-chamber at Charlesgate, and filling between the wall and Beacon street. This wall when completed will close the opening in the old sea-wall at this place.

The gate-chamber will contain ninety linear feet of tide-gates, seven and one-half feet high; these will furnish suffi-



cient outlet into Charles river to prevent the water in the Fens pond from rising above the danger line during the most severe freshets in Stony brook. The chamber will also be provided with two four-foot by five-foot iron, hydraulic gates for emptying the Fens pond, and two outlets for foul water channels from Stony brook. The whole chamber will be covered with a floor of steel I-beams and Portland cement concrete. The walls of the chamber are arranged to form the foundations of a proposed low ornamental superstructure. Until a conduit is built from the gate-chamber across Beacon street, or to the present water-way under it, it will be necessary to leave an open ditch between Beacon street and the gate-chamber to take the flow from the Fens pond.

The automatic gate put in last year at the Riverway gate-house has done excellent service in preventing the water in the Fens from becoming foul; but the sewers connected with Stony brook frequently overflow, and the grease from the sewage thus turned into the Fens is being continually deposited on the shores of the pond. In summer the flow of the brook is so small that the water in the lower part of Commissioners' channel becomes stagnant, and often very foul, before it is forced into the Fens by the occasional rains. The amount stored in Commissioners' channel when the water in the Fens is at elevation 8, its normal height, is about 600,000 cubic feet, which is equivalent to two acres of water seven feet deep.

To prevent the water in Commissioners' channel from becoming stagnant, and to prevent any of the dry-weather flow and the dirtiest of the storm flow of Stony brook from entering the Fens, the seven-foot conduit should be extended from Stony brook gate-house to Commissioners' channel, and automatic flood-gates placed at the gate-house and at the outlet of Commissioners' channel, and a tide-gate should be placed on the outlet of the seven-foot channel at Charles river.

#### RIVERWAY.

Walks surfaced with cinders (1 mile), 10,100 square yards.  
Gutters paved (cobble-stone) . . . 238 linear feet.



## 25

Retaining-wall built at stable-yard . . . . .	213 linear feet.
Catch-basin built . . . . .	1
Stationary seats built . . . . .	73 linear feet.
Loam bought and spread on plantations, . . . . .	3,091 cubic yards.

Longwood bridge has been completed.

## LEVERETT PARK.

Walks graded and partly macadamized (0.16 mile) . . . . .	960 square yards.
Drain-pipe laid (18-inch) . . . . .	626 linear feet.
“ “ “ ( 8 “ ) . . . . .	360 linear feet.
Loam bought and spread on plantations, . . . . .	17,975 cubic yards.

## JAMAICA PARK.

Driveways macadamized (0.17 mile) . . . . .	1,400 square yards.
Walks . . . . .	1,375 linear feet.
Gutters paved (cobble-stone) . . . . .	193 linear feet.
Boundary-wall built . . . . .	3,523 linear feet.
Loam bought and spread on plantations, . . . . .	13,247 cubic yards.
Drinking-fountains erected . . . . .	1
Stationary seats built . . . . .	300 linear feet.

The overflow for the pond has been lowered two feet to elevation 66. The height of the pond during a large portion of the year has been 63, or three feet below the overflow, leaving a wide and unsightly margin of gravel beach around the pond. By lowering the overflow another foot to 65, the fluctuations in the height of the pond will be reduced to about two feet, and make it practicable to maintain a considerable strip of grass and planted ground between the edge of the pond and the walk, thereby greatly improving the appearance of the park.

## ARBORWAY.

The side drives between Washington and Forest Hills streets have been finished, thus completing all the drives on the Arborway.

Walks surfaced with cinders (0.36 mile) . . . . .	1,752 square yards.
Stationary seats built . . . . .	80 linear feet.
Loam bought and spread on plantations,	3,350 cubic yards.

## ARNOLD ARBORETUM AND BUSSEY PARK.

Driveway macadamized (0.13 mile) . . . . .	1,750 square yards.
Walks macadamized (1.47 miles) . . . . .	6,880 square yards.
Gutters paved . . . . .	391 square yards.

## Drain-pipe laid:

12-inch . . . . .	90 linear feet.
10-inch . . . . .	275 linear feet.
8-inch . . . . .	1,098 linear feet.
Water-pipe laid (6-inch) . . . . .	375 linear feet.
Catch-basins built . . . . .	5
Catch-basin inlets built . . . . .	2
Standpipe erected . . . . .	1
Boundary wall built . . . . .	2,474 linear feet.

The five gates under construction at the time of the last report have been completed, and two similar gates provided for the Fairview and South street entrances to Peter's Hill.

## WEST ROXBURY PARKWAY.

Driveway graded . . . . .	0.47 mile.
Temporary bridle-path cleared . . . . .	1.00 mile.
Drain-pipe laid (24-inch) . . . . .	76 linear feet.

## FRANKLIN PARK.

Roadway graded . . . . .	0.14 mile.
Service yard ballasted (Telford) . . . . .	3,530 square yards.
Walk surfaced (0.28 mile) . . . . .	1,740 square yards.

## Drain-pipe laid:

24-inch . . . . .	280 linear feet.
18-inch . . . . .	1,920 linear feet.
12-inch . . . . .	765 linear feet.

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Drain-pipe laid. — *Continued.*

10-inch . . . . .	1,098 linear feet.
8-inch . . . . .	2,455 linear feet.
6-inch . . . . .	427 linear feet.
4-inch . . . . .	1,224 linear feet.
2-inch . . . . .	222 linear feet.
Water-pipe laid (6-inch) . . . . .	600 linear feet.
Manholes built . . . . .	6
Catch-basins built . . . . .	20
Boundary wall built . . . . .	13,540 linear feet.
Loam bought and spread on plantations,	31,490 cubic yards.
Buildings erected (repair shops and storehouses) . . . . .	2
Retaining-wall built at yard . . . . .	160 linear feet.
Drinking-fountain erected . . . . .	1
Stationary seats built . . . . .	250 linear feet.

## DORCHESTER PARK.

Boundary wall built . . . . .	743 linear feet.
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## STRANDWAY.

Sewer built (6-inch) to boat-landing . . . . .	260 linear feet.
Water-pipe laid (1½ inch) to boat-land- ing . . . . .	168 linear feet.
Filling deposited back of sea-wall . . . . .	12,200 cubic yards.
Building erected (boat-landing and shelter on wharf at Q street) . . . . .	1

The contract for sea-wall and grading was completed August 24, 1899. Apparatus for working the two wharf drops at the boat-landing has been set up, and a contract made with The James Russell Boiler Works for building an iron fence on all of the sea-wall that is not to be occupied by the yacht clubs. The South Boston and Mosquito Fleet Yacht Clubs have completed their club houses; and club houses have been built by the Columbia Yacht Club and the Puritan Canoe Club.

## MARINE PARK.

Walks surfaced with cinders (.35 mile)	2,030 square yards.
Gutters paved (granite blocks) . . . . .	265 square yards.
Brick pavement laid . . . . .	236 square yards.
Curbstone set . . . . .	52 linear feet.
Electric light cable laid (underground),	1,840 linear feet.
Electric light posts erected . . . . .	6

## WOOD ISLAND PARK.

Drain-pipe laid:

4-inch tile . . . . .	1,600 linear feet.
2-inch tile . . . . .	1,400 linear feet.
Box drain laid (4-inch by 6-inch) . . . . .	94 linear feet.

The steel foot-bridge over Revere Beach & Lynn Railroad has been completed.

## CHARLESTOWN HEIGHTS.

A contract has been made with Van Dorn Iron Works for building an iron fence on the wall and curb along St. Martin street.

## CHARLESTOWN PLAYGROUND.

Less than one acre of the old mill pond remains to be filled, about two acres having been filled during the year. A contract has been made with Van Dorn Iron Works for building an iron fence on Alford street.

## COPP'S HILL TERRACES.

Iron fence built . . . . .	155 linear feet.
Iron cresting placed on parapets . . . . .	988 linear feet.

A large amount of excavation and grading, that could not be conveniently measured, has been done at Leverett Park, Jamaica Park, Arnold Arboretum and Franklin Park.



## PLAYGROUNDS.

## ROGERS PARK.

## Drain-pipe laid :

12-inch	.	.	.	.	.	350 linear feet.
4-inch tile	.	.	.	.	.	600 linear feet.
2-inch tile	.	.	.	.	.	1,873 linear feet.

## NORTH BRIGHTON PLAYGROUND.

Plans have been prepared for grading and draining this playground, also for straightening the line along the Soldiers' Field boundary, and for giving the playground a short frontage on the Charles river reservation.

## FELLOWS-STREET PLAYGROUND.

Iron fence built	.	.	.	.	.	397 linear feet.
Stationary seats built	.	.	.	.	.	125 linear feet.

## BILLINGS FIELD.

## Drain-pipe laid :

18-inch pipe	.	.	.	.	.	240 linear feet.
12-inch pipe	.	.	.	.	.	225 linear feet.
10-inch pipe	.	.	.	.	.	300 linear feet.
Catch-basins built	.	.	.	.	.	2
Gate-manhole built	.	.	.	.	.	1

## MYSTIC PLAYGROUND.

Iron picket fence built on Scott's court,	338 linear feet.
Expanded metal fence built along sea-wall	525 linear feet.

Respectfully submitted,

C. E. PUTNAM,

*Assistant Engineer.*

## FINANCIAL STATEMENTS.

## I.

*Expenditures for Land, Construction and Maintenance from  
February 1, 1899, to January 31, 1900.*

PARKS.	Page.	Land.	Construc- tion.	Mainte- nance.	Totals.
<b>Main Park System:</b>					
Commonwealth avenue....	32	.....	\$2,382 97	\$13,538 55	\$15,921 52
Fens.....	32	.....	24,160 71	12,722 25	36,882 96
Riverway.....	33	\$5,000 00	28,658 82	6,594 73	40,253 55
Leverett Park.....	34	.....	32,134 42	4,018 27	36,152 69
Jamaica Park.....	35	.....	40,497 48	7,897 27	48,394 75
Arborway.....	36	.....	13,420 07	4,005 50	17,425 57
Arnold Arboretum.....	37	.....	45,388 41	4,930 79	50,319 20
West Roxbury Parkway..	38	.....	8,458 95	359 48	8,818 43
Franklin Park.....	38	.....	171,864 93	36,721 68	208,586 61
<b>Marine Park System:</b>					
Dorchesterway.....	41	.....	23 16	441 23	464 39
Strandway.....	41	53,802 76	30,080 92	.....	83,883 68
Marine Park.....	42	.....	6,152 93	8,567 57	14,720 50
Wood Island Park.....	43	.....	11,145 94	6,459 68	17,605 62
Charlesbank.....	44	.....	1,263 59	10,159 73	11,423 32
Charlestown Heights. ....	45	.....	255 37	2,156 12	2,411 49
Charlestown Playground...	45	.....	56 50	793 76	850 26
Dorchester Park.....	45	.....	6,188 77	56 87	6,245 64
Franklin Field.....	46	.....	816 92	4,308 74	5,125 66
Public Park, North End...	47	.....	5,303 14	1,783 82	7,086 96
Chestnut Hill Park.....	48	57,690 40	1,017 78	3,330 24	62,038 42
Trinity Triangle.....	48	.....	.....	63 97	63 97
North Brighton Playground.	48	245 39	841 30	155 49	1,242 18
Neponset Playground.....	49	14,100 87	5,000 00	1,541 83	20,642 70
Billings Field.....	49	46,425 23	4,546 09	720 20	51,691 52
First-street Playground....	50	.....	.....	1,284 76	1,284 76
North End Playground.....	50	960 00	.....	339 45	1,299 45
<i>Carried forward.....</i>	..	\$178,224 65	\$439,659 17	\$132,951 98	\$750,835 80

EXPENDITURES FOR LAND, ETC.—*Concluded.*

PARKS.	Page.	Land.	Construc- tion.	Mainte- nance.	Totals.
<i>Brought forward</i> ..		\$178,224 65	\$439,659 17	\$132,951 98	\$750,835 80
Mystic Playground.....	50	125 00	840 35	24 81	990 16
Fellows-street Playground..	51	.....	610 43	35 84	646 27
Christopher Gibson Play- ground.....	51	209 58	3,919 55	1,024 72	5,153 85
Paris-street Gymnasium....	52	.....	.....	54 80	54 80
Rogers Park.....	52	.....	735 21	640 60	1,375 81
Columbus-avenue Play- ground.....	52	268,314 48	.....	4 50	268,318 98
Ashmont Playground.....	52	87 18	.....	.....	87 18
Savin Hill Playground.....	52	26,845 40	.....	.....	26,845 40
Roslindale Playground.....	53	24,825 11	.....	97 00	24,922 11
Forest Hills Playground....	53	147 75	.....	.....	147 75
Land for Playgrounds, In- vestigating sites.....	53	168 79	.....	.....	168 79
Columbia Road.....	53	275,300 00	210,700 00	.....	486,000 00
Office expenses.....	53	.....	.....	10,165 75	10,165 75
Totals.....		\$774,247 94	\$656,464 71	\$145,000 00	\$1,575,712 65

## II.

*Expenditures of the Department in detail from February 1,  
1899, to January 31, 1900.*

## COMMONWEALTH AVENUE.

## CONSTRUCTION.

*Plantations.*

Labor and materials . . . . \$1,263 38

*Grading, Loam and General Work.*

Loam: material . . .	\$609 29	
Engineers: labor . . .	95 60	
Grading: labor . . .	17 78	
General work: materials . . .	7 50	
	<hr/>	730 17

*Roadways, Gutters and Drainage.*

Roads and walks: labor	
and materials . . . . .	227 87

*Lawns and Woods.*

Labor . . . . .	161 55
	<hr/>
	\$2,382 97

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and mate- rials . . . . .	\$10,318 47	
Stable account: equipment and supplies . . . . .	1,607 86	
Grounds: labor and materials . . .	1,002 74	
Drainage: labor . . . . .	405 36	
General work: materials . . . . .	204 12	
	<hr/>	13,538 55
		<hr/>
		\$15,921 52

## FENS.

## CONSTRUCTION.

*Sea-wall, Gate chamber and Filling.*

Amount paid under con- tract . . . . .	\$7,897 77
Advertising . . . . .	71 89
Labor . . . . .	21 84
	<hr/>
	\$7,991 50

*Plantations.*

Labor and materials . . . . .	5,939 55
	<hr/>

<i>Amounts carried forward,</i>	\$13,931 05	<hr/>	\$15,921 52
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## 33

*Amounts brought forward,*                      \$13,931 05                      \$15,921 52

*Grading, Loam and General Work.*

Loam: material . . .	\$2,927 88	
Engineers: labor and ex-		
penses . . . . .	2,091 81	
General work: labor and		
materials . . . . .	433 22	
Grading: labor . . . .	49 78	
	<hr/>	5,502 69

*Roadways, Gutters and Drainage.*

Roads and walks: labor		
and materials . . .	\$3,550 16	
Gutters: materials . . .	342 40	
Drainage: labor and mate-		
rials . . . . .	248 44	
	<hr/>	4,141 00

*Settees.*

Labor and materials . . . . .	344 72
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*Stony Brook Gate House.*

Materials . . . . .	205 00
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*Lawns and Woods.*

Labor and materials . . . . .	36 25	
	<hr/>	\$24,160 71

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and mate-			
rials . . . . .	\$8,571 44		
Grounds: labor and materials . .	1,787 05		
Stable account: equipment and			
supplies . . . . .	1,614 09		
Drainage: labor and materials . .	407 27		
General work: materials . . . . .	225 62		
Live stock: labor and supplies . .	116 78		
	<hr/>	12,722 25	
			36,882 96

## RIVERWAY.

## LAND.

Amount paid for land . . . . .	\$5,000 00
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## CONSTRUCTION.

*Longwood Avenue Bridge.*

Amount paid under con-		
tract . . . . .	\$7,353 79	
Town of Brookline: engi-		
neers and expenses . . . . .	2,637 89	
Architects' commission . . . . .	575 00	
	<hr/>	\$10,566 68

*Plantations.*

Labor and materials . . . . .	7,805 57
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<i>Amounts carried forward,</i>	\$18,372 25	\$5,000 00	\$52,804 48
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Amounts brought forward, \$18,372 25 \$5,000 00 \$52,804 48

*Grading, Loam and General Work.*

Loam: material . . .	\$3,037 26	
Grading: labor . . .	788 64	
General work: labor and materials . . .	204 92	
Engineers: labor . . .	177 94	
	<hr/>	4,208 76

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . .	\$2,882 51	
Drainage: labor and materials . . .	201 12	
	<hr/>	3,083 63

*Lawns and Woods.*

Labor and materials . . .	1,872 03	
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*Walls.*

Labor . . . . .	1,076 40	
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*Fence.*

Labor . . . . .	38 50	
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*Settees.*

Materials . . . . .	7 25	
	<hr/>	28,658 82

MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$3,324 99	
Buildings: labor and materials . . . . .	1,824 72	
Stable account: equipment and supplies . . . . .	681 62	
Grounds: labor and materials . . . . .	481 38	
General work: materials . . . . .	188 47	
Drainage: labor and materials . . . . .	93 55	
	<hr/>	6,594 73
		40,253 55

LEVERETT PARK.

CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$15,132 00	
Loam: material . . . . .	8,064 51	
General work: labor and materials . . . . .	165 72	
Engineers: labor . . . . .	87 05	
Fence: material . . . . .	6 10	
	<hr/>	\$23,455 38

*Plantations.*

Labor and materials . . . . .	5,762 11	
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Amounts carried forward,	\$29,217 49	\$93,058 03
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## 35

Amounts brought forward, \$29,217 49 \$93,058 03

*Roadways, Gutters and Drainage.*

Drainage: labor and materials . . . . .	\$1,373 65	
Roads and walks: labor and materials . . . . .	1,278 83	
	<hr/>	2,652 48

*Lawns and Woods.*

Labor and materials . . . . .	216 65
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*Electric Lighting.*

Cable . . . . .	43 05
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*Walls.*

Labor . . . . .	4 75	
	<hr/>	\$32,134 42

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$2,566 66	
Grounds: labor and materials . . . . .	802 49	
Stable account: equipment and supplies . . . . .	361 68	
Drainage: labor and materials . . . . .	217 64	
General work: materials . . . . .	50 60	
Boating service: labor . . . . .	19 20	
	<hr/>	4,018 27
		36,152 69

## JAMAICA PARK.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Loam: material . . . . .	\$7,119 19	
Grading: labor and materials . . . . .	5,679 11	
General work: labor and materials . . . . .	2,677 27	
Engineers: labor and expenses . . . . .	702 25	
	<hr/>	\$16,177 82

*Walls.*

Amount paid under contracts . . . . .	\$7,119 08	
Labor and materials . . . . .	2,251 09	
Advertising contracts . . . . .	56 91	
	<hr/>	9,427 08

*Plantations.*

Labor and materials . . . . .	9,365 69
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Amounts carried forward,	\$34,970 59	\$129,210 72
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Amounts brought forward, \$34,970 59 \$129,210 72

*Roadways, Gutters and Drainage.*

Roads and walks : labor and materials . . .	\$3,097 12	
Gutters : labor and materials . . . . .	261 25	
Drainage : labor and materials . . . . .	125 57	
	<hr/>	3,483 94

*Lawns and Woods.*

Labor and materials . . . . .	1,228 98
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*Horse Sheds.*

Labor and materials . . . . .	246 95
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*Settees.*

Labor and materials . . . . .	192 13
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*Fountains.*

Fountains . . . . .	140 00
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*Boating Service.*

Labor and materials . . . . .	130 37
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*Water Supply.*

Water pipes and labor . . . . .	104 52	
	<hr/>	\$40,497 48

MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks : labor and materials . . . . .	\$3,453 65	
Buildings : labor and materials . . . . .	1,915 53	
Grounds : labor and materials . . . . .	984 62	
Skating : labor and materials . . . . .	763 43	
Stable account : supplies . . . . .	438 24	
General work : labor and materials . . . . .	241 63	
Drainage : labor . . . . .	48 95	
Boating service : labor . . . . .	46 97	
Signs and notices . . . . .	4 25	
	<hr/>	7,897 27
		48,394 75

ARBORWAY.

CONSTRUCTION.

*Plantations.*

Labor and materials . . . . .	\$7,745 05
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*Roadways, Gutters and Drainage.*

Roads and walks : labor and materials . . . . .	\$2,642 23	
Gutters, labor and materials . . . . .	49 00	
Drainage : labor and materials . . . . .	22 92	
	<hr/>	2,714 15

Amounts carried forward,	\$10,459 20	\$177,605 47
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## 37

Amounts brought forward, \$10,459 20 \$177,605 47

*Grading, Loam and General Work.*

Loam : material . . .	\$2,351 70	
Grading: labor and mate-		
rials . . . . .	145 39	
Engineers : labor . . .	100 77	
General work : materials .	42 93	
	<hr/>	2,640 79

*Settees.*

Labor and materials . . . . .	177 64
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*Lawns and Woods.*

Labor . . . . .	101 00
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*Water Supply.*

Materials . . . . .	33 00
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*Walls.*

Labor . . . . .	8 44	
	<hr/>	\$13,420 07

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and mate-		
rials . . . . .	\$3,608 68	
Stable account: equipment . . .	164 50	
Grounds: labor and materials . .	145 16	
General work: labor and materials,	64 50	
Drainage: labor and materials . .	22 66	
	<hr/>	4,005 50
		17,425 57

## ARNOLD ARBORETUM AND BUSSEY PARK.

## CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Roads and walks: labor		
and materials . . . . .	\$19,369 76	
Gutters: labor and mate-		
rials . . . . .	948 50	
Drainage: labor and ma-		
terials . . . . .	732 26	
	<hr/>	\$21,050 52

*Grading, Loam and General Work.*

Grading: materials . . .	\$10,343 85	
General work: labor and		
materials . . . . .	971 15	
Loam : material . . . . .	748 49	
Engineers: labor and ex-		
penses . . . . .	685 23	
	<hr/>	12,748 72

Amounts carried forward,	\$33,799 24	\$195,031 04
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Amounts brought forward, \$33,799 24 \$195,031 04

*Boundary Walls and Gateways.*

Walls: amount paid under contracts . . . . .	\$4,697 79
Labor . . . . .	2,074 75
Posts: amount paid under contract . . . . .	1,793 00
Gates: amount paid under contract . . . . .	1,678 00
Architects' commission on posts and gates . . . . .	497 10
Advertising contracts . . . . .	55 65
Labor . . . . .	16 75
	<hr/> 10,813 04

*Water Supply.*

Water pipes and labor . . . . .	347 81
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*Plantations.*

Labor and materials . . . . .	300 60
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*Lawns and Woods.*

Labor . . . . .	127 72
	<hr/> \$45,388 41

MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$3,317 57
Stable account: equipment and supplies . . . . .	1,362 82
General work: materials . . . . .	152 59
Drainage: labor . . . . .	72 55
Grounds: labor . . . . .	21 00
Signs and notices: materials . . . . .	4 26
	<hr/> 4,930 79
	<hr/> 50,319 20

WEST ROXBURY PARKWAY.

CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$3,818 32
Drainage: labor and materials . . . . .	135 09
	<hr/> \$3,953 41

*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$860 37
Engineers: labor and expenses . . . . .	721 04
General work: materials . . . . .	170 76
Loam: material . . . . .	97 27
	<hr/> 1,849 44

Amounts carried forward,	\$5,802 85	\$245,350 24
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## 39

*Amounts brought forward,* \$5,802 85 \$245,350 24

*Lawns and Woods.*

Labor . . . . . 1,772 24

*Plantations.*

Labor and materials . . . . . 863 70

*Plans and Designs.*

Plans . . . . . 16 16

*Walls.*

Labor . . . . . 4 00  


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\$8,458 95

## MAINTENANCE.

*Grounds, Buildings, Drainage and General Work.*

Grounds: labor . . . . .	\$251 95	
Drainage: labor . . . . .	65 56	
Stable account: supplies . . . . .	19 15	
Buildings: labor . . . . .	12 50	
General work: materials . . . . .	10 32	
	<hr/>	359 48
		<hr/> 8,818 43

## FRANKLIN PARK.

## CONSTRUCTION.

*Grading, Loam, Drainage and General Work.*

Loam: material . . . . .	\$19,035 03
Grading: labor and materials . . . . .	18,280 98
Drainage: labor and materials . . . . .	7,298 46
General work: labor and materials . . . . .	4,816 85
Engineers: labor and expenses . . . . .	2,731 63
	<hr/> \$52,162 95

*Park Walls and Gateways.*

Amount paid under contracts . . . . .	\$27,205 90
Labor and materials . . . . .	22,828 48
Advertising contracts . . . . .	101 26
	<hr/> 50,135 64

*Plantations.*

Labor and materials . . . . . 33,905 60

*Repair Shops and Store-house.*

Amount paid under contract . . . . .	\$10,347 00
Labor and materials . . . . .	4,019 70
Advertising contract . . . . .	51 50
	<hr/> 14,418 20

*Amounts carried forward,* \$150,622 39 \$254,168 67

*Amounts brought forward,*                      \$150,622 39                      \$254,168 67

*Roadways and Gutters.*

Roads and walks: labor and materials . . .	\$7,163 17	
Gutters: labor and materials . . . . .	134 30	
	<hr/>	7,297 47

*Stable Buildings.*

Labor and materials . . .	\$2,630 17	
Amount paid under contract for building . . .	2,454 05	
Amount paid under contract for flooring and plumbing . . . . .	875 00	
Advertising contracts . . .	19 80	
	<hr/>	5,979 02

*Lawns and Woods.*

Labor and materials . . . . .	5,335 40
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*Refectory Building.*

Amount paid under contract for toilet room . . .	\$624 00	
Materials . . . . .	535 00	
Architects' commission . . .	62 40	
	<hr/>	1,221 40

*Electric Lighting.*

Lamp-posts and cable . . . . .	436 40
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*Carriage Sheds.*

Electric wiring . . . . .	200 00
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*Water Supply.*

Water-pipes and labor . . . . .	197 18
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*Temporary Buildings.*

Labor and materials . . . . .	162 55
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*Fences.*

Materials . . . . .	149 44
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*Settees.*

Labor and materials . . . . .	148 68
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*Fountains.*

Fountain . . . . .	115 00	
	<hr/>	\$171,864 93

*Amounts carried forward,*                      \$171,864 93                      \$254,168 67



## 41

*Amounts brought forward,*

\$171,864 93 \$254,168 67

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$15,199 78		
Grounds: labor and materials . . . . .	7,502 51		
Stable account: equipment and supplies . . . . .	6,930 60		
Buildings: labor and materials . . . . .	5,384 71		
General work: labor and materials . . . . .	893 18		
Live stock . . . . .	266 33		
Drainage: labor and materials . . . . .	261 59		
Stable building: labor . . . . .	154 95		
Sheep-fold . . . . .	113 80		
Boating service: labor . . . . .	10 00		
Signs and notices . . . . .	4 25		
	<hr/>	36,721 68	
		<hr/>	208,586 61

## DORCHESTERWAY.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Engineers: labor . . . . .	\$7 86	
General work: materials, . . . . .	6 08	
Grading: labor . . . . .	4 00	
	<hr/>	\$17 94

*Plantations.*

Labor . . . . .	5 22	
	<hr/>	\$23 16

## MAINTENANCE.

*Roadways, Grounds and Drainage.*

Roads and walks: labor and materials . . . . .	\$401 23		
Grounds: labor . . . . .	20 00		
Drainage: labor . . . . .	20 00		
	<hr/>	441 23	
		<hr/>	464 39

## STRANDWAY.

## LAND.

Amount paid for land . . . . .	\$53,652 76	
Expenses . . . . .	150 00	
	<hr/>	\$53,802 76

## CONSTRUCTION.

*Sea-wall and Grading.*

Amount paid under contract . . . . .	17,067 10		
<i>Amounts carried forward,</i>	\$17,067 10	\$53,802 76	\$463,219 67

Amounts brought forward, \$17,067 10 \$53,802 76 \$463,219 67

*Public Landing and Shelter.*

Amount paid under contract for building . .	\$6,012 09	
Labor and materials . .	2,355 74	
Amount paid under contract for electric wiring and fixtures . . .	420 50	
Architects' commission . .	385 00	
Advertising contract . .	37 76	
Electrical expert . .	10 00	
	<hr/>	9,221 09

*Grading, Loam and General Work.*

Engineers: labor and expenses . . . .	\$1,176 50	
Loam: material . . .	897 17	
Grading: labor . . .	393 49	
General work: labor and materials . . . .	336 50	
	<hr/>	2,803 66

*Filling.*

Material . . . . .	903 36
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*Lawns and Woods.*

Labor . . . . .	85 71	
	<hr/>	30,080 92
		<hr/>
		83,883 68

**MARINE PARK.**

**CONSTRUCTION.**

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . .	\$1,138 62	
Drainage: labor . . .	295 97	
Gutters: materials . .	36 90	
	<hr/>	\$1,471 49

*Grading, Loam and General Work.*

Grading: labor . . .	\$619 19	
Engineers: labor . . .	195 35	
Loam: material . . .	187 91	
Band stand: removing . .	175 00	
General work: materials .	71 80	
	<hr/>	1,249 25

*Plantations.*

Labor and materials . . . .	3,173 00
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*Settees.*

Labor and materials . . . .	62 62
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Amounts carried forward, \$5,956 36

\$547,103 35

## 43

*Amounts brought forward,* \$5,956 36 \$547,103 35

*Water Supply.*

Labor . . . . . 49 22

*Head-House.*

Labor and materials . . . . . 23 73  
 \$6,029 31

## CASTLE ISLAND.

*Tool House.*

Materials . . . . . \$76 50

*Water Supply.*

Labor . . . . . 47 12  
 123 62  
 \$6,152 93

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Grounds: labor and materials . . \$4,993 02  
 Buildings: labor and materials . . 1,789 07  
 Roads and walks: labor and materials . . 1,142 32  
 General work: labor and materials . . 288 12  
 Castle Island bridge: labor and materials . . 271 65  
 Drainage: labor . . . . . 36 51  
 Boating service: labor . . . . . 29 75  
 Skating: labor . . . . . 17 13  
 8,567 57  
 14,720 50

## WOOD ISLAND PARK.

## CONSTRUCTION.

*Plantations.*

Labor and materials . . . . . \$4,322 35

*Foot Bridge.*

Amount paid under contract . . . . . \$2,850 00  
 Electric posts and wiring . . . . . 229 31  
 Materials . . . . . 47 59  
 3,126 90

*Grading, Loam and General Work.*

Grading: labor and materials . . . . . \$1,658 43  
 General work: labor and materials . . . . . 273 78  
 Engineers: labor and expenses . . . . . 69 39  
 Fence: labor and materials . . . . . 54 16  
 2,055 76

*Amounts carried forward,* \$9,505 01 \$561,823 85

Amounts brought forward, \$9,505 01 \$561,823 85

*Roadways, Gutters and Drainage.*

Drainage: labor and materials . . . . .	\$1,031 39	
Roads and walks: labor and materials . . . . .	559 54	
	<hr/>	1,590 93

*Bath-house.*

Materials . . . . .	50 00	
	<hr/>	\$11,145 94

MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Men's gymnasium—

Grounds, apparatus and building: labor and materials . . . . .	\$4,889 85	
Grounds: labor and materials . . . . .	552 16	
Skating: labor and materials . . . . .	524 23	
Roads and walks: labor and materials . . . . .	221 55	
General work: materials . . . . .	126 58	
Men's bath-house: labor and insurance . . . . .	57 00	
Women's bath-house: labor and insurance . . . . .	50 25	
Drainage: labor and materials . . . . .	38 06	
	<hr/>	6,459 68
		17,605 62

CHARLESBANK.

CONSTRUCTION.

*Plantations.*

Labor . . . . .	\$886 37
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*Iron Fence.*

Labor and materials . . . . .	\$183 50
Amount paid under contract . . . . .	183 04
	<hr/>
	366 54

*Grading, Loam and General Work.*

General work: materials . . . . .	10 68	
	<hr/>	\$1,263 59

MAINTENANCE.

*Grounds, Walks, Buildings and General Work.*

Men's gymnasium—

Grounds, apparatus and building: labor and materials . . . . .	\$3,837 15	
Women's gymnasium—		
Grounds, apparatus and building: labor and materials . . . . .	2,803 57	
Grounds and walks: labor and materials . . . . .	2,568 92	
Skating: labor and materials . . . . .	832 91	
General work: labor and materials . . . . .	103 99	
Drainage: labor . . . . .	13 19	
	<hr/>	10,159 73
		11,423 32

Amount carried forward,

\$590,852 79



## 45

*Amount brought forward,*

\$590,852 79

## CHARLESTOWN HEIGHTS.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor . . .	\$167 17	
Engineers: labor . . .	29 50	
General work: materials .	19 34	
	<hr/>	\$216 01

*Plantations.*

Labor and materials . . . .	36 58	
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*Walks, Gutters and Drainage.*

Drainage: labor . . . .	2 78	
	<hr/>	\$255 37

## MAINTENANCE.

*Grounds and Walks, Buildings, Drainage and General Work.*

Grounds and walks: labor and materials . . . .	\$1,493 57	
Buildings: labor and materials . . . .	630 04	
General work: materials . . . .	20 35	
Drainage: labor and materials . . . .	12 16	
	<hr/>	2,156 12
		<hr/>
		2,411 49

## CHARLESTOWN PLAYGROUND.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Engineers: labor . . . .	\$56 50	
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## MAINTENANCE.

*Grounds and Walks, and Buildings.*

Skating: labor and materials . . . .	\$754 42	
Grounds and walks: labor and materials . . . .	33 34	
Buildings: materials . . . .	6 00	
	<hr/>	793 76
		<hr/>
		850 26

## DORCHESTER PARK.

## CONSTRUCTION.

*Walls.*

Amount paid under contracts . . . .	\$2,124 75	
Labor and materials . . . .	1,275 81	
Advertising contracts . . . .	16 26	
	<hr/>	\$3,416 82

*Lawns and Woods.*

Labor and materials . . . .	2,306 90	
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<i>Amounts carried forward,</i>	\$5,723 72	<hr/>
		\$594,114 54

Amounts brought forward, \$5,723 72 \$594,114 54

*Grading, Loam and General Work.*

General work: labor and materials . . . . .	\$172 64	
Engineers: labor and expenses . . . . .	132 31	
Grading: labor and materials . . . . .	122 07	
	<hr/>	427 02

*Plantations.*

Labor and materials . . . . .	38 03	
	<hr/>	\$6,188 77

MAINTENANCE.

*Grounds and Walks, and Buildings.*

Grounds and walks: labor and materials, \$44 56		
Skating: labor . . . . .	12 31	
	<hr/>	56 87
		<hr/>
		6,245 64

FRANKLIN FIELD.

CONSTRUCTION.

*Plantations.*

Labor . . . . .	\$495 93
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*Structures.*

Flagstaff: labor and materials . . . . .	\$190 00
Fence: labor . . . . .	40 25
	<hr/>
	230 25

*Grading, Loam and General Work.*

Grading: labor . . . . .	\$44 89
Engineers: labor . . . . .	34 30
General work: materials . . . . .	11 55
	<hr/>
	90 74
	<hr/>
	\$816 92

MAINTENANCE.

*Grounds and Walks, Buildings, Drainage and General Work.*

Sheep-fold: labor and materials . . . . .	\$1,766 35
Skating: labor and materials . . . . .	1,228 95
Grounds and walks: labor and materials . . . . .	976 41
Buildings: labor and materials . . . . .	279 78
General work: labor and materials . . . . .	42 00
Drainage: labor . . . . .	13 25
Live stock: labor . . . . .	2 00
	<hr/>
	4,308 74
	<hr/>
	5,125 66

Amount carried forward, \$605,485 84

## 47

Amount brought forward,

\$605,485 84

## PUBLIC PARK, NORTH END.

## NORTH END BEACH.

## CONSTRUCTION.

*Administration Building and Bathing Establishment.*

Men's bath-house, electric wiring . . . . .	\$2,715 16	
Women's bath-house : materials . . . . .	65 30	
	<hr/>	\$2,780 46

*Piers.*

Electric wiring . . . . .	\$387 88	
Materials . . . . .	100 00	
	<hr/>	487 88

*Water Supply, Settees and Fence.*

Settees : labor and materials . . . . .	\$153 63	
Fence : labor and materials . . . . .	146 08	
Water supply : materials, . . . . .	46 79	
	<hr/>	346 50

*Electric Lighting.*

Lamp-posts and cable . . . . .	225 75
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*Grading, Loam and General Work.*

Grading: labor . . . . .	\$112 31	
Engineers: labor . . . . .	55 60	
General work: materials, . . . . .	8 09	
	<hr/>	176 00
	<hr/>	\$4,016 59

## COPP'S HILL TERRACES.

*Fence.*

Amount paid under contract . . . . .	\$1,118 19	
Materials . . . . .	107 49	
	<hr/>	\$1,225 68

*Walls, Grading, Drainage and General Work.*

Grading : labor . . . . .	\$39 42	
Engineers : labor . . . . .	21 45	
	<hr/>	60 87
	<hr/>	1,286 55

Amounts carried forward,

\$5,303 14	\$605,485 74
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*Amounts brought forward,*

\$5,303 14 \$605,485 74

MAINTENANCE.

*Grounds and Walks, Buildings, Drainage and General Work.*

Grounds and walks : labor and materials . . . . .	\$1,014 43	
Administration Building and bath-house : labor and materials . . . . .	490 05	
Skating : labor and materials . . . . .	138 24	
Men's bath-house : labor and materials . . . . .	99 22	
Pier : labor . . . . .	38 03	
Engineers : labor . . . . .	3 00	
General work : materials . . . . .	85	
	<hr/>	
	1,783 82	
	<hr/>	7,086 96

CHESTNUT HILL PARK.

*Land.*

Amount paid for land . . . . . \$57,690 40

CONSTRUCTION.

*Plantations.*

Labor and materials . . . . . \$801 03

*Grading, Loam and General Work.*

Drainage : labor and materials . . . . .	\$149 75	
General work : labor and materials . . . . .	40 00	
Engineers : labor . . . . .	25 00	
Grading : labor . . . . .	2 00	
	<hr/>	
	216 75	
	<hr/>	1,017 78

MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks : labor and materials . . . . .	\$1,753 75	
Grounds : labor and materials . . . . .	1,489 72	
Drainage : labor . . . . .	56 45	
General work : materials . . . . .	22 07	
Buildings : labor . . . . .	8 25	
	<hr/>	
	3,330 24	
	<hr/>	62,038 42

TRINITY TRIANGLE.

MAINTENANCE.

*Grounds.*

Labor . . . . . 63 97

NORTH BRIGHTON PLAYGROUND.

*Land.*

Expenses . . . . . \$245 39

*Amounts carried forward,*

\$245 39 \$674,675 19



## 49

*Amounts brought forward,* \$245 39 \$674,675 19

## CONSTRUCTION.

*Grading, Loam and General Work.*

Loam: material . . . . .	\$794 50	
Engineers: labor and expenses . . . . .	25 80	
Grading: labor . . . . .	21 00	
	<hr/>	841 30

## MAINTENANCE.

*Grounds and General Work.*

Engineers: labor . . . . .	\$82 35	
Grounds: labor and materials . . . . .	73 14	
	<hr/>	155 49
		<hr/>
		1,242 18

## NEPONSET PLAYGROUND.

## LAND.

Amount paid for land . . . . .	\$13,395 87	
Expenses . . . . .	705 00	
	<hr/>	\$14,100 87

## CONSTRUCTION.

*Filling.*

Materials . . . . .	\$4,655 67
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*Grading, Loam and General Work.*

Grading: labor . . . . .	\$165 00	
Loam: material . . . . .	156 40	
Engineers: labor . . . . .	8 30	
	<hr/>	329 70

*Walks and Drainage.*

Walks: labor . . . . .	\$12 63	
Drainage: labor . . . . .	2 00	
	<hr/>	14 63
		<hr/>
		5,000 00

## MAINTENANCE.

*Grounds and Walks, Drainage and General Work.*

Grounds and walks: labor and materials . . . . .	\$528 67	
Loam, filling and grading: labor and materials . . . . .	506 78	
Skating: labor and materials . . . . .	501 72	
Drainage: labor . . . . .	4 66	
	<hr/>	1,541 83
		<hr/>
		20,642 70

## BILLINGS FIELD.

## LAND.

Amount paid for land . . . . .	\$46,072 23	
Expenses . . . . .	353 00	
	<hr/>	\$46,425 23

*Amounts carried forward,* \$46,425 23 \$696,560 07

*Amounts brought forward,*

\$46,425 23 \$696,560 07

## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor . . .	\$1,537 40	
Engineers: labor . . .	154 53	
	<hr/>	1,691 95

*Filling.*

Material . . . . .		1,672 00
--------------------	--	----------

*Walks and Drainage.*

Drainage: labor and materials . . . . .	\$1,175 14	
Walks: labor . . . . .	1 00	
	<hr/>	1,176 14

*Lawns and Woods.*

Labor . . . . .	6 00	
	<hr/>	4,546 09

## MAINTENANCE.

*Grounds and Walks, and Drainage.*

Skating: labor and materials . . . . .	\$592 52	
Grounds and walks: labor and materials . . . . .	94 10	
Drainage: labor . . . . .	26 08	
Engineers: labor . . . . .	7 50	
	<hr/>	720 20
		51,691 52

## FIRST-STREET PLAYGROUND.

## MAINTENANCE.

*Grounds and Walks, Drainage and General Work.*

Skating: labor and materials . . . . .	\$749 70	
Grounds and walks: labor and materials . . . . .	361 70	
Tool-house: labor and materials . . . . .	132 18	
Settees: labor and materials . . . . .	41 18	
	<hr/>	1,284 76

## NORTH-END PLAYGROUND.

## LAND.

Expenses . . . . .	\$960 00
--------------------	----------

## MAINTENANCE.

*Grounds and Walks.*

Labor and materials . . . . .	339 45	
	<hr/>	1,299 45

## MYSTIC PLAYGROUND.

## LAND.

Expenses . . . . .	\$125 00
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*Amounts carried forward,*

\$125 00 \$750,835 80

## 51

*Amounts brought forward,* \$125 00 \$750,835 80

## CONSTRUCTION.

*Fence.*

Labor and materials . . . \$799 65

*Grading and General Work.*

Engineers: labor . . . 40 70  
840 35

## MAINTENANCE.

*Grounds and Walks.*

Grounds: labor and materials . . \$17 56  
Engineers: labor . . . 7 25  
24 81  
990 16

## FELLOWS-STREET PLAYGROUND.

## CONSTRUCTION.

*Settees and Fence.*

Fence: materials . . \$524 04  
Settees: labor . . 60 89  
\$584 93

*Grading and General Work.*

Engineers: labor . . . 25 50  
\$610 43

## MAINTENANCE.

*Grounds and Walks.*

Grounds: labor . . . 35 84  
646 27

## CHRISTOPHER GIBSON PLAYGROUND.

## LAND.

Expenses . . . \$209 58

## CONSTRUCTION.

*Lavatory Building.*

Amount paid under contract for building . . \$2,397 00  
Amount paid under contract for plumbing . 425 00  
Architects' commission . 141 15  
Advertising contracts . 31 50  
\$2,994 65

*Grading and General Work.*

Grading: labor and materials . . \$587 15  
Engineers: labor . . 34 65  
621 80

*Amounts carried forward,* \$3,616 45 \$209 58 \$752,472 23

*Amounts brought forward,* \$3,616 45 \$209 58 \$752,472 23

*Filling.*

Materials . . . . . 299 10

*Walks and Drainage.*

Drainage: labor . . . . . 4 00

3,919 55

## MAINTENANCE.

*Grounds and Walks, Drainage and General Work.*

Grounds and walks: labor and materials . . . . .

\$792 90

Skating: labor and materials . . . . .

157 22

Gutters: materials . . . . .

67 10

Buildings: labor . . . . .

7 50

1,024 72

5,153 85

## PARIS-STREET GYMNASIUM.

## MAINTENANCE.

Labor . . . . . 54 80

## ROGERS PARK.

## CONSTRUCTION.

*Drainage.*

Labor . . . . . \$735 21

## MAINTENANCE.

*Grounds and Walks.*

Labor and materials . . . . . 640 60

1,375 81

## COLUMBUS-AVENUE PLAYGROUND.

## LAND.

Amount paid for land . . . . . \$267,996 43

Expenses . . . . . 318 05

\$268,314 48

## MAINTENANCE.

*Grounds and Walks.*

Labor . . . . . 4 50

268,318 98

## ASHMONT PLAYGROUND.

## LAND.

Expenses . . . . . 87 18

## SAVIN-HILL PLAYGROUND.

## LAND.

Amount paid for land . . . . . \$26,514 15

Expenses . . . . . 331 25

26,845 40

*Amount carried forward,*

\$1,054,308 25



## 53

*Amount brought forward,*

\$1,054,308 25

## ROSLINDALE PLAYGROUND.

## LAND.

Amount paid for land . . . . .	\$24,690 11	
Expenses . . . . .	135 00	
	<hr/>	\$24,825 11

## MAINTENANCE.

*Grounds and General Work.*

Skating: labor . . . . .	97 00	
	<hr/>	24,922 11

## FOREST-HILLS PLAYGROUND.

## LAND.

Expenses . . . . .		147 75
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## PLAYGROUNDS.

## INVESTIGATION OF SITES.

Expenses . . . . .		168 79
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## COLUMBIA. ROAD.

## LAND.

Proportion of amount paid by Street Department for land, and expenses chargeable to this department . . . . .	\$275,300 00	
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## CONSTRUCTION.

Proportion of amount paid by Street Department for construction chargeable to this department . . . . .	210,700 00	
	<hr/>	486,000 00

## OFFICE EXPENSES.

## MAINTENANCE.

Salaries . . . . .	\$7,478 69	
Printing . . . . .	1,050 00	
Telephones and expenses . . . . .	663 07	
Carriage-hire . . . . .	414 50	
Furniture and fixtures . . . . .	283 15	
Travelling expenses . . . . .	173 37	
Stationery . . . . .	102 97	
	<hr/>	10,165 75
		<hr/>
		\$1,575,712 65

## III.

## General Exhibit of Appropriations, 1899-1900.

OBJECTS OF APPROPRIATION.	Page.	Balances January 31, 1899.	Appropriations and Transfers, 1899-1900.	Total Credits.	Expenditures, 1899-1900.	Balances January 31, 1900.
Public Parks, Land and Construction.....	55	\$148,426 56	\$501,108 00	\$649,534 56	\$481,654 56	\$167,880 00
Strandway, from Marine Park, west.....	55	6,419 98	.....	6,419 98	6,419 98	.....
North Brighton Playground.....	55	.....	7,000 00	7,000 00	841 30	6,158 70
Neponset Playground, Land.....	56	4,296 48	.....	4,296 48	4,296 48	.....
Neponset Playground, Construction.....	56	.....	5,000 00	5,000 00	5,000 00	.....
Billings Field, Land.....	56	19,356 25	27,060 98	46,417 23	46,417 23	.....
Billings Field, Construction.....	56	546 09	4,000 00	4,546 09	4,546 09	.....
Gymnasium, Ward 10.....	56	3,500 00	.....	3,500 00	.....	3,500 00
Mystic Playground.....	56	.....	1,500 00	1,500 00	840 35	659 65
Fellowsstreet Playground.....	56	.....	1,000 00	1,000 00	610 43	389 57
Christopher Gibson Playground.....	57	.....	7,000 00	7,000 00	3,919 55	3,080 45
Rogers Park.....	57	.....	2,000 00	2,000 00	735 21	1,264 79
Chestnut Hill.....	57	.....	150,000 00	150,000 00	57,690 40	92,309 60
Land for Playgrounds.....	57	.....	12,000 00	12,000 00	11,742 08	257 92
Playgrounds.....	57	.....	400,000 00	400,000 00	319,998 99	80,001 01
Columbia Road.....	58	.....	486,000 00	486,000 00	486,000 00	.....
Park Department, Maintenance.....	58	.....	140,000 00 }	145,000 00	145,000 00	.....
			5,000 00 }			
		\$182,545 36	\$1,748,668 98	\$1,931,214 34	\$1,575,712 65	\$355,501 69

## IV.

*Appropriations and Balances in Detail for the Financial  
Year 1899-1900.*

## PUBLIC PARKS.

Balance unexpended January 31, 1899 . . . . .	\$148,426 56	
Loan issued July 1899 . . . . .	500,000 00	
Amount received from sale of land . . . . .	1,108 00	
		<u>\$649,534 56</u>

*Expenditures.*

Commonwealth Avenue . . . . .	\$2,382 97	
Fens . . . . .	24,160 71	
Riverway . . . . .	33,658 82	
Leverett Park . . . . .	32,134 42	
Jamaica Park . . . . .	40,497 48	
Arborway . . . . .	13,420 07	
Arnold Arboretum and Bussey Park . . . . .	45,388 41	
West Roxbury Parkway . . . . .	8,458 95	
Franklin Park . . . . .	171,864 93	
Dorchesterway . . . . .	23 16	
Strandway . . . . .	77,463 70	
Marine Park . . . . .	6,152 93	
Wood Island Park . . . . .	11,145 94	
Charlesbank . . . . .	1,263 59	
Charlestown Heights . . . . .	255 37	
Charlestown Playground . . . . .	56 50	
Dorchester Park . . . . .	6,188 77	
Franklin Field . . . . .	816 92	
Public Park, North End . . . . .	5,303 14	
Chestnut Hill Park . . . . .	1,017 78	
Balance unexpended January 31, 1900 . . . . .	167,880 00	
		<u>\$649,534 56</u>

## STRANDWAY, FROM MARINE PARK, WEST.

Balance unexpended January 31, 1899 . . . . .	\$6,419 98
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*Expenditures.*

Paid on account of construction . . . . .	\$6,419 98
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## NORTH BRIGHTON PLAYGROUND.

Amount appropriated under general loan order, dated February 27, 1899 . . . . .	\$7,000 00
Amount transferred from appropriation, Land for Playgrounds, executions, etc. . . . .	245 39

\$7,245 39*Expenditures.*

Paid on account of construction . . . . .	\$841 30
Expenses on account of land . . . . .	245 39
Balance unexpended January 31, 1900 . . . . .	6,158 70

\$7,245 39

## NEPONSET PLAYGROUND.

Balance unexpended January 31, 1899 . . .	\$4,296 48	
Amount transferred from appropriation, Land for Playgrounds, executions, etc. . . . .	9,804 39	
Amount appropriated under general loan order, dated February 27, 1899 . . . . .	5,000 00	
		<u>\$19,100 87</u>
<i>Expenditures.</i>		
Paid on account of land . . . . .	\$14,100 87	
Paid on account of construction . . . . .	5,000 00	
		<u>\$19,100 87</u>

## BILLINGS FIELD.

## LAND.

Balance unexpended January 31, 1899 . . .	\$19,356 25	
Amount appropriated under general loan order dated October 30, 1899 . . . . .	27,060 98	
		<u>\$46,417 23</u>
<i>Expenditures.</i>		
Paid on account of land . . . . .	\$46,417 23	

## CONSTRUCTION.

Balance unexpended January 31, 1899 . . .	\$546 09	
Amount appropriated under general loan order dated February 27, 1899 . . . . .	4,000 00	
		<u>\$4,546 09</u>
<i>Expenditures.</i>		
Paid on account of construction . . . . .	\$4,546 09	

## GYMNASIUM, WARD 10.

Amount appropriated under loan ordered by City Council, October 1, 1897 . . . . .	\$3,500 00	
<i>Expenditures.</i>		
Balance unexpended January 31, 1900 . . . . .	\$3,500 00	

## MYSTIC PLAYGROUND.

Amount appropriated under general loan order dated Feb- ruary 27, 1899 . . . . .	\$1,500 00	
<i>Expenditures.</i>		
Paid on account of construction . . . . .	\$840 35	
Balance unexpended January 31, 1900 . . . . .	659 65	
		<u>\$1,500 00</u>

## FELLOWS-STREET PLAYGROUND.

Amount appropriated under general loan order dated Feb- ruary 27, 1899 . . . . .	\$1,000 00	
<i>Expenditures.</i>		
Paid on account of construction . . . . .	\$610 43	
Balance unexpended January 31, 1900 . . . . .	389 57	
		<u>\$1,000 00</u>



## CHRISTOPHER GIBSON PLAYGROUND.

Amount appropriated under general loan order dated February 27, 1899 . . . . .	\$7,000 00
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*Expenditures.*

Amount paid on account of construction . . .	\$3,919 55
Balance unexpended January 31, 1900 . . .	3,080 45
	<u>\$7,000 00</u>

## ROGERS PARK.

Amount appropriated under loan order dated October 12, 1899 . . . . .	\$2,000 00
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*Expenditures.*

Paid on account of construction . . . . .	\$735 21
Balance unexpended January 31, 1900 . . .	1,264 79
	<u>\$2,000 00</u>

## CHESTNUT HILL PARK.

Loan authorized under Chap. 274, Acts of 1899:	
Issued January 29, 1900 . . . . .	\$75,000 00
Authorized but not issued . . . . .	75,000 00
	<u>\$150,000 00</u>

*Expenditures.*

Paid on account of land . . . . .	\$57,690 40
Balance unexpended . . . . .	92,309 60
	<u>\$150,000 00</u>

## LAND FOR PLAYGROUNDS, EXECUTIONS, ETC.

Amount appropriated under general loan order dated February 27, 1899 . . . . .	\$12,000 00
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*Expenditures.*

Amount transferred to Neponset Playground . . .	\$9,804 39
Amount transferred to North End Playground . . .	960 00
Amount transferred to North Brighton Playground . . .	245 39
Amount transferred to Christopher Gibson Playground . . .	209 58
Amount transferred to Savin Hill Playground . . .	133 75
Amount transferred to Mystic Playground . . .	125 00
Amount transferred to Ashmont Playground . . .	87 18
Amount transferred to Billings Field . . .	8 00
Investigating sites . . . . .	168 79
Balance unexpended January 31, 1900 . . .	257 92
	<u>\$12,000 00</u>

## PLAYGROUNDS.

Loan authorized under Chap. 412 Act of 1898:	
Issued May and July 1899 . . . . .	\$200,000 00
Authorized but not issued . . . . .	200,000 00
	<u>\$400,000 00</u>

## EXPENDITURES.

Amount transferred to Columbus avenue Play-ground . . . . .	\$268 314 48	
Amount transferred to Savin Hill Playground . . . . .	26,711 65	
Amount transferred to Roslindale Playground . . . . .	24,825 11	
Amount transferred to Forest Hills Playground . . . . .	147 75	
Balance unexpended January 31, 1900 . . . . .	80,001 01	
		<u>\$400,000 00</u>

## COLUMBIA ROAD.

Proportion of highway loan issued as Public Park Loan, under Chap. 319, Acts of 1897 . . . . .	\$486,000 00
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## EXPENDITURES.

Paid on account of land . . . . .	\$275,300 00	
Paid on account of construction . . . . .	210,700 00	
		<u>\$486,000 00</u>

## PARK DEPARTMENT.

## MAINTENANCE.

Appropriation for financial year 1899-1900 . . . . .	\$140,000 00	
Amount contributed by abutters, Commonwealth avenue . . . . .	5,000 00	
		<u>\$145,000 00</u>

*Expenditures.*

Paid on account of maintenance as per Exhibit, page 30 . . . . .	\$145,000 00
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## INCOME.

*Receipts.*

Balance on hand January 31, 1899 . . . . .	\$276 13	
Received from rents, sale of buildings, wool, sheep, grass, wood, etc. . . . .	2,184 70	
		<u>\$2,460 83</u>

*Payments.*

Income carried to General City Income . . . . .	\$2,460 83
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## V.

*Summary of Expenditures on Account of Park Construction  
from the Organization of the Board, October 8, 1875, to  
January 31, 1900.*

## MAIN PARK SYSTEM.

## COMMONWEALTH AVENUE.

Roadways, sidewalks, gutters and drainage . . . . .	\$84,334 99	
Plantations . . . . .	11,975 79	
Electric lighting . . . . .	5,674 00	
Lawns and woods, grading, loam, and general work . . . . .	3,131 20	
Machinery, tools, etc. . . . .	884 90	
Settees and signs . . . . .	458 41	
Plans and designs . . . . .	22 90	
	<hr/>	\$106,482 19

## FENS.

Filling . . . . .	\$576,811 15	
Excavating, lawns and woods, grading, loam and general work . . . . .	547,897 84	
Roadways, sidewalks, gutters and drainage . . . . .	354,133 66	
Retaining walls, curb and fence . . . . .	118,177 77	
Royston bridge . . . . .	92,011 43	
Plantations . . . . .	89,482 56	
Charlesgate bridge . . . . .	65,287 67	
Agassiz bridge . . . . .	52,013 50	
Stony-brook bridge . . . . .	40,007 11	
Railroad bridge . . . . .	39,995 04	
Fen bridge . . . . .	29,427 80	
Plans, designs and superintendence . . . . .	27,280 28	
Machinery, tools, etc. . . . .	14,188 99	
Office and general expenses . . . . .	14,114 92	
Sea-wall, gate chamber, and filling . . . . .	7,991 50	
Electric lighting . . . . .	6,887 23	
Surveying . . . . .	5,472 16	
Stony-brook channel and gate-house . . . . .	2,181 28	
Water supplies, settees and live stock . . . . .	1,766 70	
Duck-house . . . . .	350 00	
Boating service . . . . .	306 04	
	<hr/>	2,085,784 63

## RIVERWAY.

Excavating, lawns and woods, grading, loam and general work . . . . .	\$193,206 22
Filling . . . . .	104,143 90
Roadways, sidewalks, gutters and drainage . . . . .	100,111 17
Longwood-avenue bridge . . . . .	66,925 90
Audubon bridge . . . . .	39,654 27
Bridle-path bridge . . . . .	32,929 09
Administration building . . . . .	27,005 12
Plantations . . . . .	26,044 64

*Amounts carried forward,*

\$590,020 31 \$2,192,266 82

<i>Amounts brought forward,</i>	\$590,020	31	\$2,192,266	82
Footbridges and culverts . . . . .	14,345	00		
Tremont-street bridge . . . . .	13,273	53		
Brookline-avenue bridge . . . . .	8,936	82		
Retaining-walls . . . . .	8,644	49		
Bellevue-street bridge . . . . .	8,163	96		
Surveys, plans, designs and superintendence .	7,196	67		
Shelter . . . . .	4,513	65		
Electric lighting . . . . .	2,734	57		
Water-supply, settees and fence . . . . .	2,222	46		
Machinery, tools, etc. . . . .	468	75		
Boating-service . . . . .	181	21		
Gate-house . . . . .	105	15		
			660,806	57

## LEVERETT PARK.

Excavating, lawns and woods, grading, loam and general work . . . . .	\$210,482	30		
Roadways, sidewalks, gutters and drainage .	81,100	17		
Plantations . . . . .	39,549	37		
Retaining-walls, steps and culverts . . . .	35,252	64		
Leverett-pond bridge . . . . .	9,850	59		
Plans and designs . . . . .	7,178	75		
Footbridges and culverts . . . . .	6,368	46		
Electric lighting . . . . .	5,321	79		
Machinery, tools, etc. . . . .	3,497	93		
Water-supply, fountains and settees . . . .	1,880	84		
Boating-service . . . . .	97	24		
Filling . . . . .	15	75		
Iron railing . . . . .	1	25		
			400,597	08

## JAMAICA PARK.

Lawns and woods, grading grounds, loam and general work . . . . .	\$114,672	82		
Roadways, sidewalks, gutters and drainage .	64,256	30		
Pine Bank House and horse-sheds . . . . .	32,774	10		
Walls and steps . . . . .	32,032	57		
Plantations . . . . .	18,802	89		
Water-supply, fountain, and settees . . . .	7,131	83		
Electric lighting . . . . .	4,897	45		
Surveys, plans, designs and superintendence .	3,189	68		
Machinery, tools, etc. . . . .	2,669	62		
Boating-service . . . . .	1,484	28		
Iron fence . . . . .	1,162	38		
Culverts . . . . .	475	00		
Gate-house . . . . .	80	73		
			283,629	65

## ARBORWAY.

Roadways, sidewalks, gutters and drainage .	\$169,698	42		
Lawns and woods, grading grounds, loam and general work . . . . .	88,904	41		
Arches . . . . .	64,631	57		
Plantations . . . . .	17,898	71		
Water-supply and settees . . . . .	10,467	49		
Culverts . . . . .	5,489	53		
Walls . . . . .	5,063	52		
Stony-brook bridge . . . . .	4,503	43		
Electric lighting . . . . .	3,450	50		

*Amounts carried forward,* \$370,107 58 \$3,587,300 12



## 61

<i>Amounts brought forward,</i>	\$370,107 58	\$3,537,300 12
Filling . . . . .	2,819 16	
Machinery, tools, etc. . . . .	2,360 62	
Plans and designs . . . . .	281 94	
	<hr/>	375,569 30

## ARNOLD ARBORETUM AND BUSSEY PARK.

Roadways, sidewalks, gutters and drainage . . . . .	\$297,217 26	
Lawns and woods, grading, loam and general work . . . . .	31,091 75	
Boundary walls and gateways . . . . .	27,062 60	
Machinery, tools, etc. . . . .	3,607 23	
Plans, designs and superintendence . . . . .	1,652 47	
Plantations . . . . .	1,045 01	
Water-supply and settees . . . . .	514 20	
Surveying . . . . .	100 00	
	<hr/>	362,290 52

## WEST ROXBURY PARKWAY.

Lawns and woods, grading grounds, loam and general work . . . . .	\$11,624 17	
Roadways, gutters and drainage . . . . .	4,294 02	
Plantations . . . . .	2,223 38	
Plans, designs and superintendence . . . . .	577 01	
Walls . . . . .	4 00	
	<hr/>	18,722 58

## FRANKLIN PARK.

Roadways, sidewalks and gutters . . . . .	\$702,341 79	
Lawns and woods, grading grounds, drainage and general work . . . . .	644,794 94	
Plantations . . . . .	191,191 88	
Refectory building . . . . .	109,793 15	
Park wall and gateways . . . . .	85,501 44	
Seaver-street improvement . . . . .	84,817 75	
Shelter and Overlook . . . . .	60,561 54	
Forest Hills bridge . . . . .	52,972 17	
Scarboro' Pond . . . . .	40,943 11	
Arbor, Schoolmaster's Hill . . . . .	29,514 11	
Plans, designs and superintendence . . . . .	28,343 95	
Reservoir . . . . .	27,634 39	
Scarboro' Pond bridges . . . . .	26,703 10	
Water-supply, fountains and settees . . . . .	25,721 16	
Stable building, repair shops and store-house, Ellicott Arch . . . . .	23,309 90	
Pergola wall, steps and terrace . . . . .	16,732 21	
Carriage-sheds . . . . .	16,244 30	
Ellicott House . . . . .	15,510 98	
Ellicott House . . . . .	14,922 87	
Ellicottdale . . . . .	12,542 94	
Machinery, tools, etc. . . . .	12,413 15	
Temporary buildings and structures . . . . .	12,299 11	
Playstead . . . . .	10,399 76	
Propagating-house . . . . .	8,205 55	
Electric lighting . . . . .	6,036 40	
Terrace wall . . . . .	3,956 05	
Concourse, Scarboro' Hill . . . . .	3,569 80	
Culverts . . . . .	3,129 34	
Carriage-shelter . . . . .	2,694 70	
Fences . . . . .	1,472 24	
Boating-service . . . . .	51 16	
	<hr/>	2,274,324 94
<i>Amount carried forward,</i>		\$6,568,207 46

*Amount brought forward,*

\$6,568,207 46

## MARINE PARK SYSTEM.

## DORCHESTERWAY.

Roadways, sidewalks, gutters and drainage . . . . .	\$31,160 73	
Filling . . . . .	21,821 82	
Grading, loam and general work . . . . .	9,564 09	
Plans, designs and superintendence . . . . .	1,317 24	
Culverts . . . . .	653 00	
Plantations . . . . .	108 12	
	<hr/>	64,625 00

## STRANDWAY.

Sea-wall and grading . . . . .	\$129,578 38	
Filling . . . . .	103,794 72	
Lawns and woods, grading, loam and general work . . . . .	29,219 84	
Public landing and shelter . . . . .	14,738 13	
Drainage . . . . .	4,507 98	
Plans, designs and superintendence . . . . .	479 77	
Culverts . . . . .	60 50	
Plantations . . . . .	18 80	
	<hr/>	282,398 12

## MARINE PARK.

Filling, lawns and woods, grading, loam and general work . . . . .	\$580,874 68	
Iron pier and railing . . . . .	175,571 99	
Head-house . . . . .	110,836 13	
Pier-head . . . . .	67,232 97	
Structures, temporary pier, and gas-lights . . . . .	43,829 05	
Roadways, sidewalks, gutters and drainage . . . . .	40,451 11	
Plantations . . . . .	10,251 52	
Bulkhead . . . . .	4,996 00	
Plans, designs and superintendence . . . . .	3,870 46	
Electric lighting . . . . .	2,453 04	
Water-supply, settees and fence . . . . .	2,099 88	
Dredging . . . . .	1,114 20	
Boating-service . . . . .	1,023 61	
Machinery, tools and implements . . . . .	38 00	
	<hr/>	1,044,642 64

## CASTLE ISLAND.

Temporary buildings and structures . . . . .	\$25,588 70	
Clearing, grading grounds and drainage . . . . .	3,837 98	
Water-supply, settees and tent . . . . .	2,050 10	
Plantations . . . . .	486 98	
Shelter . . . . .	100 00	
	<hr/>	32,063 76

## WOOD ISLAND PARK.

Lawns and woods, grading, loam and general work . . . . .	\$103,228 51	
Neptune bridge . . . . .	32,320 63	
Filling . . . . .	29,852 82	
Field-house . . . . .	20,283 89	
Roads, walks, gutters and drainage . . . . .	14,697 95	
Plantations . . . . .	14,119 74	
Bath-house . . . . .	9,880 66	

*Amounts carried forward,*

\$224,384 20 \$7,991,936 98

<i>Amounts brought forward,</i>	\$224,384 20	\$7,991,936 98
Gymnasium grounds, apparatus and play-ground . . . . .	7,280 92	
Foot-bridge and culverts . . . . .	3,551 90	
Iron fence and frame . . . . .	3,039 99	
Water-supply and settees . . . . .	2,452 68	
Electric lighting . . . . .	2,163 53	
Plans, designs and superintendence . . . . .	1,688 03	
Tool-house . . . . .	213 09	
Machinery, tools and implements . . . . .	42 80	
	<hr/>	244,817 14

## CHARLESBANK.

Sea-wall and filling . . . . .	\$176,353 90	
Gymnasium grounds, apparatus, filling, loam and general work . . . . .	52,444 96	
Men's Lavatory building . . . . .	23,250 53	
Women's Lavatory building and children's shelter . . . . .	17,639 18	
Plantations . . . . .	13,023 67	
Walks and drainage . . . . .	11,769 27	
Iron railing, fence and gas-lights . . . . .	10,013 83	
Plans, design and superintendence . . . . .	2,076 27	
Damage . . . . .	972 51	
Water-supply . . . . .	831 41	
Machinery, tools, etc. . . . .	56 00	
	<hr/>	308,481 53

## CHARLESTOWN HEIGHTS.

Grading lawns and woods, filling loam and general work . . . . .	\$32,929 25	
Shelter building . . . . .	27,240 32	
Retaining-wall . . . . .	18,838 98	
Sidewalks, gutters and drainage . . . . .	8,230 75	
Plantations . . . . .	7,867 91	
Steps . . . . .	3,971 42	
Plans, designs and superintendence . . . . .	1,430 59	
Water-supply, settees, fountains and flagstaff . . . . .	486 51	
Electric lighting . . . . .	334 00	
	<hr/>	101,329 73

## CHARLESTOWN PLAYGROUND.

Grading, loam and general work . . . . .	\$8,989 71	
Plantations . . . . .	475 60	
Plans, designs and superintendence . . . . .	204 99	
Walks and drainage . . . . .	9 78	
	<hr/>	9,680 08

## DORCHESTER PARK.

Grading, lawns and woods, loam and general work . . . . .	\$4,213 19	
Walls . . . . .	3,416 82	
Shelter . . . . .	963 32	
Plans, designs and superintendence . . . . .	797 40	
Temporary structures . . . . .	774 95	
Water-supply . . . . .	105 53	
Plantations . . . . .	38 03	
Walks and drainage . . . . .	4 48	
	<hr/>	10,313 72

*Amount carried forward,***\$8,666,559 18**

*Amount brought forward,*

\$8,666,559 18

## FRANKLIN FIELD.

Grading, lawns and woods, loam and general work . . . . .	\$32,227 60	
Walks, gutters and drainage . . . . .	26,916 48	
Plantations . . . . .	12,242 67	
Buildings . . . . .	6,744 98	
Fence, flagstaff and wall . . . . .	1,412 97	
Plans, designs and superintendence . . . . .	815 06	
Machinery, tools, etc. . . . .	480 55	
Water-supply . . . . .	46 89	
		80,887 20

## NORTH END BEACH.

Clearing, grading and general work . . . . .	\$61,024 31	
Administration Building and Women's bath-house . . . . .	42,683 16	
Piers . . . . .	31,823 84	
Men's bath-house . . . . .	13,052 97	
Walls . . . . .	8,422 73	
Iron railing . . . . .	3,698 88	
Walks and drainage . . . . .	1,946 63	
Filling . . . . .	1,302 04	
Plans, designs and superintendence . . . . .	1,189 14	
Boating service . . . . .	578 32	
Band-stand . . . . .	571 44	
Electric lighting . . . . .	407 00	
Water-supply, settees and fence . . . . .	346 50	
Boring . . . . .	224 62	
Temporary building . . . . .	33 73	
Plantations . . . . .	7 50	
		167,312 81

## COPP'S HILL TERRACES.

Walls, drainage, grading and general work . . . . .	\$29,771 52	
Fences . . . . .	1,225 68	
Plantations . . . . .	405 00	
Electric lighting . . . . .	245 25	
Plans, designs and superintendence . . . . .	110 83	
Sidewalks . . . . .	90 58	
		31,848 86

## CHESTNUT HILL PARK.

Plantations . . . . .	\$1,160 04	
Grading, lawns and woods, loam and general work . . . . .	347 42	
Fence . . . . .	31 74	
Roadways, gutters and drainage . . . . .	7 75	
		1,546 95

## NORTH BRIGHTON PLAYGROUND.

Grading, loam and general work . . . . .	\$2,244 38	
Filling . . . . .	1,907 83	
Walks, gutters and drainage . . . . .	192 36	
		4,344 57

*Amount carried forward,*

\$8,952,499 57



## 65

*Amount brought forward,*

\$8,952,499 57

## NEPONSET PLAYGROUND.

Filling . . . . .	\$4,655 67	
Walks and drainage . . . . .	2,559 39	
Grading, loam and general work . . . . .	1,340 15	
Bulkhead . . . . .	553 10	
Plans and designs . . . . .	239 21	
Water-supply . . . . .	152 48	
	<hr/>	9,500 00

## BILLINGS FIELD.

Filling . . . . .	\$3,272 00	
Lawns and woods, grading, loam and general work . . . . .	1,812 49	
Walks and drainage . . . . .	1,176 14	
Plans and designs . . . . .	239 37	
	<hr/>	6,500 00

## FIRST-STREET PLAYGROUND.

Grading, loam and general work . . . . .	\$5,320 40	
Gutters and drainage . . . . .	2,272 41	
Filling . . . . .	987 28	
Water-supply . . . . .	912 96	
Plantations . . . . .	61 80	
	<hr/>	9,554 85

## MYSTIC PLAYGROUND.

Fence . . . . .	\$799 65	
Grading and general work . . . . .	40 70	
	<hr/>	840 35

## FELLOWS-STREET PLAYGROUND.

Settees and fence . . . . .	\$584 93	
Filling . . . . .	496 28	
Grading and general work . . . . .	25 50	
	<hr/>	1,106 71

## CHRISTOPHER GIBSON PLAYGROUND.

Lavatory building . . . . .	\$2,994 65	
Grading and general work . . . . .	621 80	
Filling . . . . .	299 10	
Walks and drainage . . . . .	4 00	
	<hr/>	3,919 55

## ROGERS PARK.

Drainage . . . . .	735 21	
--------------------	--------	--

## SUNDRY ACCOUNTS.

General account . . . . .	\$73,987 50	
Park Nursery . . . . .	29,947 07	
	<hr/>	103,934 57
	<hr/>	\$9,088,590 81
	<hr/>	

## VI.

*Summary of Expenditures on account of Public Park Land,  
Construction and Betterments from the Organization of the  
Board, October 8, 1875, to January 31, 1900.*

		LAND.	
Main Park System :			
Fens . . . . .	\$596,254	49	
Riverway . . . . .	457,457	53	
Leverett Park . . . . .	269,104	04	
Jamaica Park . . . . .	812,843	56	
Arborway . . . . .	245,584	25	
Arnold Arboretum and Bussey Park . . . . .	79,315	85	
West Roxbury Parkway . . . . .	117,665	29	
Franklin Park . . . . .	1,551,196	63	
			\$4,129,421 64
Marine Park System :			
Dorchesterway . . . . .	\$63,735	54	
Strandway . . . . .	503,118	73	
Marine Park . . . . .	232,972	57	
			799,826 84
Wood Island Park . . . . .			132,800 00
Charlesbank . . . . .			373,916 99
Trinity Triangle . . . . .			30,000 00
Charlestown Heights . . . . .			50,538 02
Charlestown Playground . . . . .			172,923 31
Dorchester Park . . . . .			63,239 97
Franklin Field . . . . .			157,341 22
North End Beach . . . . .			328,364 44
Copp's Hill Terraces . . . . .			90,858 19
Chestnut Hill Park . . . . .			57,690 40
North Brighton Playground . . . . .			22,107 12
Neponset Playground . . . . .			24,804 39
Billings Field . . . . .			47,068 98
Freeport-street Triangle . . . . .			4,000 00
North End Playground . . . . .			131,458 16
Mystic Playground . . . . .			50,125 00
Fellows-street Playground . . . . .			14,503 72
Christopher Gibson Playground . . . . .			37,709 58
Columbus Avenue Playground . . . . .			268,314 48
Ashmont Playground . . . . .			87 18
Savin Hill Playground . . . . .			26,845 40
Roslindale Playground . . . . .			24,825 11
Forest Hills Playground . . . . .			147 75
Playgrounds, Investigation of sites . . . . .			168 79
Columbia Road . . . . .			275,300 00
			\$7,314,386 68
CONSTRUCTION.			
Main Park System:			
Commonwealth Avenue . . . . .	\$106,482	19	
Fens . . . . .	2,085,784	63	
Riverway . . . . .	660,806	57	
Leverett Park . . . . .	400,597	08	
Amounts carried forward, \$3,253,670 47			\$7,314,386 68

<i>Amounts brought forward,</i>	\$3,253,670 47	\$7,314,386 68
Jamaica Park . . . .	283,629 65	
Arborway . . . . .	375,569 30	
Arnold Arboretum and Bus-		
sey Park . . . . .	362,290 52	
West Roxbury Parkway . .	18,722 58	
Franklin Park . . . . .	2,274,324 94	
	<hr/>	\$6,568,207 46
Marine Park System:		
Dorchesterway . . . .	\$64,625 00	
Strandway . . . . .	282,398 12	
Marine Park . . . . .	1,044,642 64	
Castle Island . . . . .	32,063 76	
	<hr/>	1,423,729 52
Wood Island Park . . . .		244,817 14
Charlesbank . . . . .		308,481 53
Charlestown Heights . . .		101,329 73
Charlestown Playground . .		9,680 08
Dorchester Park . . . . .		10,313 72
Franklin Field . . . . .		80,887 20
North End Beach . . . . .		167,312 81
Copp's Hill Terraces . . .		31,848 86
Chestnut Hill Park . . . .		1,546 95
North Brighton Playground .		4,344 57
Neponset Playground . . . .		9,500 00
Billings Field . . . . .		6,500 00
First-street Playground . .		9,554 85
Mystic Playground . . . . .		840 35
Fellows-street Playground . .		1,106 71
Christopher Gibson Playground .		3,919 55
Rogers Park . . . . .		735 21
Columbia Road . . . . .		210,700 00
General Account . . . . .		73,987 50
Park Nursery . . . . .		29,947 07
	<hr/>	9,299,290 81
	BETTERMENT.	
Betterment expenses . . . . .		13,356 10
		<hr/>
		\$16,627,033 59
		<hr/>

## VII.

**PARK BETTERMENTS COLLECTED BY CITY COLLECTOR,  
TO FEBRUARY 1, 1900.**

	Assessm'ts committed to Collector.	Abated.	Net Assessm'ts	Collected.	Outstand- ing Feb. 1, 1900.
Public Park, Back Bay....	\$434,600 00	\$144,195 73	\$290,404 27	\$290,404 27	
Marine Park.....	23,543 00	12,616 80	10,926 20	10,926 20	
Franklin Park.....	135,029 00	122,000 66	13,028 34	13,028 34	
Parkway, Old Harbor.....	60,789 00	50,426 00	10,363 00	8,256 00	\$2,107 00
“ Muddy River...	108,972 00	80,239 25	28,732 75	22,337 75	6,395 00
“ West Roxbury..	154,107 00	111,630 00	42,477 00	30,238 00	12,239 00
“ Dorchester.....	9,713 00	3,055 54	6,657 46	5,927 74	729 72
	\$926,753 00	\$524,163 98	\$402,589 02	\$381,118 30	\$21,470 72

## VIII.

## PUBLIC PARK DEBT.

*Liabilities.*

Total loan outstanding, January 31, 1900 . . \$13,879,300 00

*Resources.*

Resources of Sinking Fund, January 31, 1900 . . 3,284,910 39

Net debt, January 31, 1900 . . . \$10,594,389 61

## \* PLAYGROUND DEBT.

Outstanding loans, January 31, 1900 . . . \$552,060 98

\*The funds for the payment of this debt being part of the General Sinking Fund cannot be specifically stated.



## Park Statistics to January 31, 1900.

PARKS.	Year of Taking.	COST TO DATE.			Area.	Length of Drive-ways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.	Total.					
MAIN PARK SYSTEM:									
† Commonwealth avenue.....	1894.....	.....	\$106,482 19	\$106,482 19	30 acres.....	2.8 miles	4.13 miles		
* Fens.....	1879.....	\$596,254 49	2,085,784 63	2,682,039 12	115 ".....	4 "	6.7 "	1.1 miles	28 acres
* † Riverway.....	1890.....	457,457 53	600,806 57	1,118,264 10	40 ".....	1.4 "	2.8 "	1.2 "	8 "
* † Leverett Park.....	1890 and 1892.....	269,104 04	400,597 08	669,701 12	60 ".....	1.2 "	2.7 "	0.9 "	12.8 "
* Jamaica Park.....	1892.....	812,843 56	283,629 65	1,096,473 21	120 ".....	1.5 "	5.6 "	0.7 "	64.5 "
Arborway.....	1892.....	245,584 25	375,569 30	621,153 55	36 ".....	3.4 "	1.25 "	1.4 "	
* Arboretum.....	1882 and 1895.....	79,315 85	362,290 52	441,606 37	223 ".....	3.4 "	6 "	.....	0.6 acre
West Roxbury Parkway.....	1894.....	117,665 29	18,722 58	136,387 87	150 ".....	2.8 "	4.3 "	2.4 "	
* Franklin Park.....	1883 and 1884.....	1,551,196 63	2,274,324 94	3,825,521 57	527 ".....	7.3 "	17.15 "	1 mile	7.4 acres
MARINE PARK SYSTEM:									
* Dorchesterway.....	1892.....	63,735 54	64,625 00	128,360 54	6 ".....	.75 mile	1.6 "		
Strandway.....	{ 1890, 1892 } and 1897 }	503,118 73	282,398 12	785,516 85	{ 48 " land } 212 " flats }	1.7 miles	3.1 "		
* Marine Park.....	1883.....	232,972 57	1,044,642 64	1,277,615 21	{ 34 " land } 150 " flats }	0.9 mile	2.6 "	.....	4.4 "
† Castle Island.....	1890.....	.....	32,063 76	32,063 76	{ 21 " land } 83 " flats }	0.4 "	1.6 "		
* WOOD ISLAND PARK.....	1882 and 1891.....	182,800 00	244,817 14	377,617 14	{ 46 " land } 165 " flats }	0.3 "	2.5 "		
Carried forward.....	.....	\$5,062,048 48	\$8,236,754 12	\$13,298,802 60	2,066 acres.....	31.85 miles	62.03 miles	8.7 miles	125.7 acres

Park Statistics to January 31, 1900. — Continued.

PARKS.	Year of Taking.	COST TO DATE.			Area.	Length of Drive-ways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.	Total.					
<i>Brought forward</i> .....		\$5,062,048 48	\$8,236,754 12	\$13,298,802 60	2,066 acres	31.85 miles	62.03 miles	8.7 miles	125.7 acres
* CHARLESBANK.....	1883.....	373,916 99	308,481 53	682,398 52	10 " land	.....	1.5 "		
* TRINITY TRIANGLE.....	1885.....	30,000 00	.....	30,000 00	5,410 sq. feet	.....			
* CHARLESTOWN HEIGHTS.....	1891.....	50,538 02	101,329 73	151,867 75	{ 4 acres land } 6 " flats }	.....	0.4 mile		
* CHARLESTOWN PLAYGROUND.....	1891.....	172,923 31	9,680 08	182,603 39	{ 14 " land } 4 " flats }	.....	0.9 "		
* DORCHESTER PARK.....	1891.....	63,239 97	10,313 72	73,553 69	26 "	.....			
* FRANKLIN FIELD.....	1892.....	157,341 22	80,887 20	238,228 42	77 "	.....			
* PUBLIC PARK, NORTH END.....	1893.....	419,222 63	139,161 67	618,384 30	{ 3 " land } 4 " flats }	.....			
CHESTNUT HILL.....	1898 and 1899	57,690 40	1,546 95	59,237 35	42 "	2.4 "			
* NORTH BRIGHTON PLAYGROUND...	1894.....	22,107 12	4,344 57	26,451 69	14 "	.....			
NEPONSET PLAYGROUND.....	1896.....	24,804 39	9,500 00	34,304 39	18 "	.....			
* BILLINGS FIELD.....	1896.....	47,068 98	6,500 00	53,568 98	11 "	.....			
§ FIRST STREET PLAYGROUND.....	1897.....	.....	9,554 85	9,554 85	4.6 "	.....	0.4 "		
* FREEFORD STREET TRIANGLE.....	1897.....	4,000 00	.....	4,000 00	6,253 sq. feet.	.....			
NORTH END PLAYGROUND.....	1897 and 1899	131,458 16	.....	131,458 16	11,384 "	.....			
* MYSTIC PLAYGROUND.....	1897.....	50,125 00	840 35	50,965 35	2.3 acres.	.....			
* FELLOWS STREET PLAYGROUND...	1897.....	14,503 72	1,106 71	15,610 43	36,955 sq. feet.	.....			
<i>Carried forward</i> .....		\$6,680,788 39	\$8,980,001 48	\$15,660,989 87	2,307.27 acres	34.25 miles	65.23 miles	8.7 miles	125.7 acres

## Park Statistics to January 31, 1900.—Concluded.

PARKS.	Year of Taking.	COST TO DATE.			Area.	Length of Drive-ways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.	Total.					
<i>Brought forward</i> .....		\$6,680,988 39	\$8,980,001 48	\$15,660,989 87	2,307.27 acres.	34.25 miles.	65.23 miles.	8.7 miles.	125.7 acres
*CHRISTOPHER GIBSON PLAYG'D.....	1897.....	37,709 58	3,919 55	41,629 13	5.8 acres.				
COLUMBUS AVENUE PLAYGROUND.....	1899 and 1900.....	268,314 48	.....	268,314 48	4.8 "				
ASHMONT PLAYGROUND.....	1899.....	87 18	.....	87 18	2.2 "				
*SAVIN HILL PLAYGROUND.....	1899.....	26,845 40	.....	26,845 40	{ 6 acres land 12.6 " flats }				
*ROSLINDALE PLAYGROUND.....	1899.....	24,825 11	.....	24,825 11	3.7 "				
FOREST HILLS PLAYGROUND.....	1900.....	147 75	.....	147 75	10.3 "				
§ ROGERS PARK.....	1899.....	.....	735 21	735 21	6.9 "				
LAND FOR PLAYGROUNDS, EXECU- TIONS, ETC.....	.....	168 79	.....	168 79					
COLUMBIA ROAD.....	1899.....	275,300 00	210,700 00	486,000 00					
General account.....	.....	\$7,314,386 68	\$9,195,356 24	\$16,509,742 92					
Park Nursery.....	.....	.....	73,987 50	73,987 50					
Betterment Expenses.....	.....	.....	29,947 07	29,947 07					
	.....	.....	13,356 10	13,356 10					
	.....	\$7,314,386 68	\$9,312,646 91	\$16,627,033 59	2,359.57 acres.	34.25 miles.	65.23 miles.	8.7 miles.	125.7 acres

\*The lands in these parks and playgrounds have been paid for in full.

† An additional area of 34 acres is within the limits of the town of Brookline.

§ Transferred by order of the City Council.

¶ Taken under authority of Boulevard Act (Stat. 1893, Chap. 300.)

‡ Custody given to City by Act of Congress.

Of the above total lengths of driveways, walks and rides, there have been completed to date, respectively, 25 miles, 36.4 miles, and 6.2 miles.

**PENDING CONTRACTS.**  
**The Pending Contracts, with the Value of the Unperformed Work, are as follows:**

CONTRACTOR.	Place.	Nature of Work.	Date of Finishing speci- fied in Contract.	Amount.	Unperformed.
William L. Miller.....	Fens.....	Sea-wall and gate-chamber ..	June 1, 1900 .....	\$47,974 00	\$40,076 23
John A. Rooney .....	Arnold Arboretum .....	Wall.....	October 15, 1899 ..	2,690 00	20 40
Johnson Brothers.....	" .....	Masonry .....	.....	1,455 00	1,455 00
New England Structural Co.....	" .....	Iron gates.....	.....	900 00	900 00
Thomas F. Welch.....	" .....	Wall.....	November 15, 1899	2,443 00	411 81
N. E. Telephone and Telegraph Co.....	Franklin Park.....	Cable.....	.....	341 70	341 70
John A. Rooney .....	" .....	Wall.....	November 1, 1899	8,192 92	1,228 94
J. A. Whittemore's Sons.....	" .....	Wall.....	November 1, 1899	8,064 00	150 00
J. A. Whittemore's Sons.....	" .....	Wall.....	November 15, 1899	2,100 00	50 00
James Russell Bolter Works.....	Strandway .....	Fence.....	.....	1,755 81	1,755 81
J. A. Whittemore's Sons.....	Dorchester Park.....	Wall.....	July 15, 1899 .....	1,297 20	25 00
Van Dorn Iron Works Co.....	Charlestown Playground.....	Fence.....	.....	1,724 99	1,724 99
Van Dorn Iron Works Co.....	Charlestown Heights.....	Fence.....	.....	473 30	473 30
Wilbur J. Hatch.....	Christopher Gibson Playg'nd	Building.....	.....	3,905 00	1,568 00
Owen McAuliffe Co.....	" .....	Plumbing .....	.....	1,373 00	948 00
Smith & Anthony Co.....	" .....	Heating .....	.....	148 00	148 00
H. G. Warren & Co.....	" .....	Hardware.....	.....	65 00	65 00
I. L. Matson .....	" .....	Wiring.....	.....	70 00	70 00
				\$85,032 92	\$51,412 18



## APPENDIX.

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### REPORT OF THE COMMITTEE OF THE MASSACHUSETTS EMERGENCY AND HYGIENE ASSOCIATION IN CHARGE OF THE WOMEN'S AND CHILDREN'S DIVISION AT CHARLESBANK.

---

Boston, January 23, 1900.

*To the Board of Park Commissioners:*

GENTLEMEN, — We herewith submit to you a brief statement of the ninth year of our superintendence at Charlesbank.

Though the numbers were less than those of last year, owing to the attractions of new gymnasiums opened elsewhere, our record of healthful and athletic results attained is better than at any other time, as the gymnastic work is now more seriously undertaken with a view to health rather than to fun. There have been four weekly classes for women and three for children, including the Baby Class, which had a daily average of twenty-six; and one day fifty-four were in the class. Evidently babies are the leisure class at Charlesbank. Though there were thus fourteen classes working in the gymnasium proper, in addition to the free individual exercise that was carried on, not a single accident occurred.

Some of the happiest hours of the children are spent in their so-called Kindergarten classes, where they make picture-puzzles, paper pin-wheels, prick, sew, string or fold papers, and learn their letters and numerals and how to tell time. Toy watches were the prizes that brought about this last result. Then there was a Doll's Dressmaking Class, in which the dolls ordered bloomers and jumpers for themselves rather than party dresses. Best of all twice a week came the hurdy-gurdy man and the children danced, such extra privileges being paid for by friends.

On rainy days the Lodge was filled with children reading books and magazines, gathered through the kind efforts of the Superintendent, making scrap-books for the babies, and doing all the mildly improving things which a happy mother supervises in a happy nursery. It is in this way that Charlesbank helps to make happiness the road to good health and morals.

The spray baths continue to be used to advantage by the women and children after their exercise in the gymnasium, but not to so large an extent as before swimming tanks and beach bath-houses abounded. When the whole building can be heated

in winter, so that the evening classes can have the benefits of quick spray baths after their class work, it will be a great boon to the girls. The winter evening classes, under Miss Cutler, are large and very satisfactory, with an average attendance of sixty-five.

As Superintendent, Miss Cutler has been untiring in her wise energy; but we regret to report that owing to her marriage Miss Mary A. Mahoney has resigned. She has been the faithful, tactful, efficient assistant superintendent ever since Charlesbank opened.

Respectfully submitted,

KATE GANNETT WELLS,  
ANNA PHILLIPS WILLIAMS,  
*For the Committee.*

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## STATUTES OF THE COMMONWEALTH RELATING TO PUBLIC PARKS IN THE CITY OF BOSTON.

[Stat. 1899. — Chap. 274.]

### AN ACT TO PLACE THE CHESTNUT HILL RESERVOIR GROUNDS UNDER THE CUSTODY OF THE BOARD OF PARK COMMISSION- ERS OF THE CITY OF BOSTON.

SECTION 1. The board of park commissioners of the city of Boston shall have the custody, care, and control of all lands owned by the city of Boston in the territory bounded east by Chestnut Hill avenue, south by the boundary line between the town of Brookline and the city of Boston, west by the boundary line between the city of Newton and the city of Boston, and north by Commonwealth avenue and South street; may take by purchase or otherwise such other lands within said boundary not owned by the Commonwealth, as said board with the approval of the mayor may deem desirable for park purposes; and may assume the custody, care, and control of all lands within said boundary now owned by the Commonwealth which the metropolitan water board and said board of park commissioners of the city of Boston, with the approval of the mayor, may deem desirable for said purposes. Said board of park commissioners shall have the same powers over any lands placed or taken under the custody, care and control of said board by authority of this act, as if said lands had been taken by said board by the exercise of the right of eminent domain, given by chapter one hundred and eighty-five of the acts of the year eighteen hundred and seventy-five, and acts in amendment thereof or in addition thereto.

SECT. 2. The treasurer of said city, to pay the expenses incurred in the taking of any lands under authority of this act, may from time to time, at the request of said board, approved by the mayor, issue bonds of said city to a total amount not exceeding one hundred and fifty thousand dollars.

SECT. 3. Said board of park commissioners when authorized by the city council may sell any lands owned by the city, within the boundaries aforesaid, on such terms as said board with the approval of the mayor may deem proper, and shall use the proceeds thereof in payment for any lands taken for park purposes under this act.

SECT. 4. This act shall take effect upon its passage.

*(Approved April 15, 1899.)*

[Stat. 1899. — Chap. 279.]

AN ACT RELATIVE TO THE SYSTEM OF PLAYGROUNDS FOR THE CITY OF BOSTON.

SECTION 1. Section one of chapter four hundred and twelve of the acts of the year eighteen hundred and ninety-eight is hereby amended by striking out the whole of said section and inserting in place thereof the following:

SECTION 1. The board of park commissioners of the city of Boston, for the purpose of establishing a comprehensive system of playgrounds to meet the wants of the different parts of said city, is hereby authorized to take by purchase or otherwise, with the approval of the mayor of said city, land for playgrounds in different locations, not exceeding twenty in number, as they may deem best adapted for the purpose; *provided, however*, that not more than two hundred thousand dollars shall be expended in any one year for said purpose.

SECT. 2. The provisions of sections four to six, inclusive, of chapter one hundred and eighty-five of the acts of the year eighteen hundred and seventy-five, shall apply to all lands taken by said board under authority of this act.

SECT. 3. This act shall take effect upon its passage.

*(Approved April 15, 1899.)*

[Stat. 1899. — Chap. 303.]

AN ACT TO AUTHORIZE THE CITY OF BOSTON TO INCUR INDEBTEDNESS OUTSIDE THE DEBT LIMIT FOR THE PURPOSE OF CONTINUING THE CONSTRUCTION OF ITS PUBLIC PARKS.

SECTION 1. The board of park commissioners of the city of Boston shall continue the construction of the public parks of said city, other than playgrounds; and to pay the cost thereof, including payments for land, the treasurer of said city shall from time to time, on request of the mayor, issue bonds of the city to the amount of five hundred thousand dollars. Said bonds shall not be reckoned in determining the debt limit of said city; *provided, however*, that no part of said bonds shall be used for the payment of land not already taken or purchased.

SECT. 2. This act shall take effect upon its passage.

*(Approved April 25, 1899.)*



STATUTES OF THE COMMONWEALTH RELATING TO  
PUBLIC PARKS IN OR NEAR THE  
CITY OF BOSTON.

YEAR. CHAPTER.

1866. 247. — An Act to authorize the Erection of a Sea wall, and the filling of certain flats in Charles river, to abate a nuisance.
- \*1870. 283. — An Act for the Laying out of one or more Public Parks in or near the City of Boston.
- †1875. 185. — An Act for the Laying out of Public Parks in or near the City of Boston.
1880. 144. — An Act to authorize the connection of the Arnold Arboretum with the System of Parks of the City of Boston.
1881. 92. — An Act in addition to an Act for the Laying out of Public Parks in or near the City of Boston. [Charles-river Embankment.]
1881. 197. — An Act to authorize the Construction of the Charles-river promenade.
1882. 168. — An Act to authorize the City of Boston to Issue a Public Park Loan.
1884. 226. — An Act in relation to betterments for Locating, Laying out, and Constructing Streets, Ways, and Public Parks.
1884. 237. — An Act in relation to assessments for Public Improvements.
1885. 299. — An Act requiring notice of assessments of betterments to be given to the party to be charged thereby.
1885. 360. — An Act in further addition to an Act for the Laying out of Public Parks in or near the City of Boston. [Marine Park.]
1886. 65. — An Act extending the time for the completion of the Public Park in the City of Boston known as the Charles-river Embankment.
1886. 134. — An Act to change a portion of the line of the Sea wall of the Public Park in the City of Boston, known as the Charles-river Embankment.
1886. 304. — An Act to authorize a Loan for the construction of Public Parks in or near the City of Boston.
1887. 312. — An Act to authorize a Loan for the payment for lands heretofore acquired for Public Parks in or near the City of Boston.
1887. 427. — An Act to enlarge the area for the proposed Marine Park of the City of Boston between South Boston and Castle Island.

\* This Act was to take effect when accepted by two-thirds of the legal voters voting thereon at the State election. The vote in favor was 9,233; against, 5,916. The Act consequently was rejected.

† This Act was accepted by a majority of the legal voters voting thereon, June 9, 1875. Yeas, 3,706; nays, 2,311.



## YEAR. CHAPTER.

1888. 376. — An Act to authorize the City of Boston to refund a portion of the money paid as betterments for the Marine Park in said City.
1888. 392. — An Act to enable the City of Boston, for the purpose of obtaining lands for its Public Parks, to incur indebtedness outside of the limit fixed by law.
1889. 129. — An Act relating to buildings in the Public Parks of the City of Boston.
1889. 438. — An Act to authorize the enlargement of the proposed Marine Park in the City of Boston.
1890. 271. — An Act to authorize the City of Boston to incur indebtedness outside of its debt limit, to procure and construct one or more Public Parks in the Charlestown District of the City of Boston.
1890. 339. — An Act changing the boundary between the City of Boston and the Town of Brookline.
1890. 444. — An Act to amend an Act authorizing the City of Boston to incur indebtedness outside of its debt limit to procure and construct one or more Public Parks in the Charlestown District of the City of Boston.
1891. 301. — An Act to authorize the City of Boston to incur a debt for Park purposes beyond the limit fixed by law.
1891. 344. — An Act to authorize the City of Boston to construct a Sea wall and extend the Charles-river Embankment.
1891. 390. — An Act to provide for the appointment of the Charles-river Improvement Commission.
1892. 371. — An Act to authorize the City of Boston to take Jamaica Pond and Ward's Pond for a Public Park.
1893. 126. — An Act in relation to raising the grade and changing the location of the Providence Division of the Old Colony Railroad in the City of Boston.
1893. 211. — An Act in relation to the issue of bonds and certificates for Park purposes by the City of Boston.
1893. 225. — An Act to authorize cities and towns to establish and maintain Public Playgrounds.
1893. 258. — An Act to authorize the City of Boston to refund or abate a portion of its betterments assessed for the extension of the Marine Park.
1893. 282. — An Act to provide for a Public Park in Wards 6 and 7 of the City of Boston.
1893. 300. — An Act relative to the Laying out of Public Parks by towns and cities. [Boulevard Act.]

YEAR. CHAPTER.

1893. 331. — An Act relative to leasing open spaces for Gardens and Playgrounds by cities and towns.
1893. 407. — An Act to establish a Metropolitan Park Commission.
1893. 416. — An Act relating to an Act relative to the Laying out of Public Parks by towns and cities. [Amended Stat. 1893, Chap. 300.]
1893. 435. — An Act in relation to the construction of a Sea wall and the extension of the Charles-river Embankment by the City of Boston.
1893. 475. — An act to provide for the improvement of Charles river.
1894. 288. — An Act to authorize the Metropolitan Park Commission to construct Roadways and Boulevards.
1894. 396. — An Act to authorize the City of Boston to incur indebtedness beyond the limit fixed by law, for Park purposes.
1894. 483. — An Act to authorize the Commonwealth to acquire the location in part of the Boston, Revere Beach & Lynn Railroad, and to authorize a relocation in part of said railroad.
1894. 509. — An Act to authorize the Metropolitan Park Commission to expend a sum of money, in addition to the amounts heretofore authorized, for open spaces along or near the Charles river.
1895. 45. — An Act to authorize the Extension of the Arnold Arboretum.
1895. 185. — An Act to authorize the City of Boston to abate a Portion of the Betterments made on account of the Laying out of Jamaica Park and Arborway.
1895. 272. — An Act changing the Limits within which Land may be taken by the Metropolitan Park Commission within the City of Medford.
1895. 305. — An Act relative to the taking by the Metropolitan Park Commission of Revere Beach, so-called, in the town of Revere.
1895. 450. — An Act relative to the Metropolitan Park Commission.
1896. 199. — An Act relative to violations of regulations of Public Parks.
1896. 284. — An Act relative to excavations, fillings and constructions in tide waters for the purposes of the Public Parks of the City of Boston.
1896. 313. — An Act relative to the Building line and height of buildings on Parkways, Boulevards and Parks.
1896. 411. — An Act to authorize the sale of certain lands taken for Public Park purposes in the City of Boston.
1896. 453. — An Act to authorize the City of Boston to continue the construction of its Public Parks.

## YEAR. CHAPTER.

1896. 465. — An Act to better define the authority of the Metropolitan Park Commission.
1896. 466. — An Act increasing the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1896. 472. — An Act increasing the amount of money placed at the disposal of the Metropolitan Park Commission for the construction of Roadways and Boulevards.
1896. 550. — An Act relative to the Metropolitan Parks and Boulevards.
1897. 121. — An Act to further define the authority of the Metropolitan Park Commission.
1897. 162. — An Act to authorize the City of Boston and the Town of Brookline to rebuild Longwood-avenue bridge.
1897. 311. — An Act to provide for the interest and sinking-fund requirements of the Metropolitan Parks Loans and expenses of the Metropolitan Park Commission.
1897. 365. — An Act to authorize the Board of Park Commissioners of the City of Boston to lease lands or buildings under their control for boat-houses and other purposes.
1897. 379. — An Act relative to the building line and height of buildings on parkways, boulevards and parks.
1897. 394. — An Act relative to Parkways in the City of Boston.
1897. 396. — An Act to authorize the City of Boston to abate a portion of the betterment assessment made on account of the laying out of Dorchesterway.
1897. 464. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1897. 521. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for the construction of roadways and boulevards.
1897. 523. — An Act to provide for a highway around the Back Bay Fens in the City of Boston.
1898. 141. — An Act to authorize the sale of certain land taken for public park purposes in the City of Boston.
1898. 313. — An Act to enable the City of Boston to finish the construction of its public parks.
1898. 412. — An Act to provide for a comprehensive system of playgrounds for the City of Boston.
1898. 452. — An Act relative to the height of buildings on and near Copley Square in the City of Boston.
1898. 455. — An Act to define the liability of the Commonwealth arising from defects in streets on certain lands under the care and control of the Metropolitan Park Commission.



## YEAR. CHAPTER.

1898. 463. — An Act to provide for the improvement of the banks of rivers and ponds within the Metropolitan Parks district.
1898. 473. — An Act relative to betterment taxes assessed by the Metropolitan Park Commission.
1898. 530. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1898. 531. — An Act to authorize the construction of a dam across the Charles river, between the cities of Boston and Cambridge.
1898. 540. — An Act relative to streets and lands in the neighborhood of Parks, Parkways and Boulevards in the City of Boston.
1898. 547. — An Act to authorize the Metropolitan Park Commission to construct a bridge across the Saugus river.
1899. 142. — An Act to enable the Metropolitan Park Commission to restore and enlarge the Bath house and to provide additional facilities at Revere Beach Reservation.
1899. 273. — An Act relative to the construction of a Boulevard from the Middlesex Fells Parkway to the Charles river.
1899. 274. — An Act to place the Chestnut Hill Reservoir Grounds under the custody of the Board of Park Commissioners of the City of Boston.
1899. 279. — An Act relative to the System of Playgrounds for the City of Boston.
1899. 303. — An Act to authorize the City of Boston to incur indebtedness outside the debt limit for the purpose of continuing the Construction of its Public Parks.
1899. 400. — An Act to provide Compensation for the Metropolitan Park Commissioners.
1899. 406. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for general purposes.
1899. 415. — An Act relative to the construction of a Boulevard from the town of Dedham to the Stony Brook Reservation in the town of Hyde Park.
1899. 419. — An Act relative to the Metropolitan Park Commission.
1899. 428. — An Act to increase the amount of money to be placed at the disposal of the Metropolitan Park Commission for the construction of roadways and boulevards.
1899. 464. — An Act to authorize the Metropolitan Park Commission to take, control and manage Nantasket Beach and adjacent lands and waters.



MEMBERS OF THE BOARD OF PARK COMMISSIONERS  
OF THE CITY OF BOSTON FROM ITS ORGANIZA-  
TION, WITH THEIR TERMS OF SERVICE.

- T. JEFFERSON COOLIDGE. — Appointed July 8, 1875, for the term ending April 30, 1879. Resigned December 11, 1876.
- CHARLES H. DALTON. — Appointed July 8, 1875, for the term ending April 30, 1877. Reappointed in 1877, 1880, and 1883. Resigned May 11, 1885.
- WILLIAM GRAY, JR. — Appointed July 8, 1875, for the term ending April 30, 1878. Reappointed in 1878 and 1881, and served until the expiration of his term, April 30, 1884.
- CHARLES S. STORROW. — Appointed December 11, 1876, in place of T. Jefferson Coolidge, resigned. Reappointed in 1879, for the term ending April 30, 1882. Resigned May 19, 1879.
- HENRY LEE. — Appointed May 19, 1879, in place of Charles S. Storrow, resigned. Reappointed in 1882, and served until the expiration of his term, April 30, 1885.
- BENJAMIN DEAN. — Appointed February 24, 1885, to succeed William Gray, Jr., for the term ending April 30, 1887. Reappointed in 1887, and served until June 2, 1890.
- PATRICK MAGUIRE. — Appointed February 24, 1885, to succeed Henry Lee, for the term ending April 30, 1888, and served until February 20, 1889.
- JOHN F. ANDREW. — Appointed May 11, 1885, in place of Charles H. Dalton, resigned. Reappointed in 1886, and served until May 13, 1889. Appointed July 16, 1894, to succeed Paul H. Kendrick, and served until May 30, 1895.
- ISAAC FENNO. — Appointed February 11, 1889, to succeed Patrick Maguire, and served until the expiration of his term, April 30, 1891.
- THOMAS L. LIVERMORE. — Appointed May 6, 1889, to succeed John F. Andrew, for the term ending April 30, 1892, and served until April 30, 1893.
- FRANCIS A. WALKER. — Appointed May 19, 1890, to succeed Benjamin Dean, for the term ending April 30, 1893. Reappointed and served until the expiration of his term, April 30, 1896.
- PAUL H. KENDRICKEN. — Appointed March 30, 1891, to succeed Isaac Fenno, for the term ending April 30, 1894, and served until July 30, 1894.
- CHARLES F. SPRAGUE. — Appointed April 17, 1893, to succeed Thomas L. Livermore, for the term ending April 30, 1895. Resigned January 14, 1895.

- EDWARD C. HODGES. — Appointed January 14, 1895, in place of Charles F. Sprague, resigned; also for the term ending April 30, 1898. Resigned August 23, 1897.
- LABAN PRATT. — Appointed June 10, 1895, for the term ending April 30, 1897, to fill the vacancy caused by the death of John F. Andrew. Reappointed in 1897 for the term ending April 30, 1900.
- CHARLES E. STRATTON. — Appointed April 27, 1896, to succeed Francis A. Walker, for the term ending April 30, 1899. Reappointed in 1899 for the term ending April 30, 1902.
- JOHN T. WHEELWRIGHT. — Appointed by the Mayor August 23, 1897, to serve temporarily in place of Edward C. Hodges, resigned; and served until September 16, 1898.
- JAMES M. PRENDERGAST. — Appointed May 8, 1899, for the term ending April 30, 1901.

PROPERTY BELONGING TO THE PARK  
DEPARTMENT.

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[For List of Parks and Playgrounds, see page 69.]

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BRIDGES.

Agassiz Bridge, Fens.  
 Boylston Bridge, Fens.  
 Charlesgate Bridge, Fens.  
 Commonwealth Avenue Bridge, Fens.  
 Fen Bridge, Fens.  
 Stony Brook Bridge, Fens.  
 Audubon Bridge, Riverway.  
 Bridle-path Bridge, Riverway.  
 Chapel Arch, Riverway.  
 \*Chapel Bridge, Riverway.  
 \*Longwood Bridge, Riverway.  
 \*Bellevue Bridge, Riverway.  
 \*Brookline Avenue Bridge, Riverway.  
 \*Tremont Street Bridge, Riverway.  
 \*Foot-bridges, Leverett Park.  
 Railroad Viaduct, Forest Hills, Arborway.  
 Stony Brook Bridge, Arborway.  
 Forest Hills Bridge, Franklin Park.  
 Ellicott Arch, Franklin Park.  
 Overlook Arch, Franklin Park.  
 Scarboro' Bridge, Franklin Park.  
 Scarboro' Pond Foot-bridge, Franklin Park.  
 Castle Island Bridge, Marine Park.  
 Neptune Bridge, Wood Island Park.  
 Foot-bridge, Wood Island Park.

BUILDINGS.

Stony Brook Gate-house, Fens.  
 Muddy River Gate-house, Riverway.  
 Administration Building, Stable and Sheds, Riverway.  
 Open Shelter, Riverway.  
 Administration Building and Sheds, Jamaica Park.

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\* The department constructed and maintains the parts of these bridges within the city limits.

The Overlook Shelter, Franklin Park.  
 Refectory and Carriage Sheds, Franklin Park.  
 Ellicott House, Ellicottdale, Franklin Park.  
 Shelter and Arbor, Schoolmaster's Hill, Franklin Park.  
 Carriage Shelter, Columbia Road Entrance, Franklin Park.  
 Propagating House, Stable, Repair Shops and Sheds, Franklin Park.  
 Dwelling House, Franklin Park.  
 Temporary Shelters and Sanitary Buildings, Franklin Park.  
 Head-house, Marine Park.  
 Public Landing, Strandway.  
 Two temporary Sanitary Buildings, Castle Island.  
 Field House, Wood Island Park.  
 Bath-houses, Wood Island Park.  
 Men's Locker and Lavatory Building, Charlesbank.  
 Women's Lavatory Building, Charlesbank.  
 Shelter, Charlestown Heights.  
 Old Buildings, Charlestown Playground.  
 Shelter and Sanitary Buildings, Dorchester Park.  
 Sheep-fold and dwelling, Franklin Field.  
 Sanitary Buildings, Franklin Field.  
 Administration Building and Bath-houses, North End Beach.  
 Dwelling-house, Chestnut Hill Park.  
 Locker and Lavatory Building, Christopher Gibson Playground.  
 Stable and Dwelling, West Roxbury Parkway.

#### STATUES AND FOUNTAINS.

Alexander Hamilton, Commonwealth avenue.  
 General John Glover, Commonwealth avenue.  
 William Lloyd Garrison, Commonwealth avenue.  
 Leif Ericson, Commonwealth avenue.  
 John Boyle O'Reilly, Back Bay Fens.  
 Admiral Farragut, Marine Park.  
 Fountain on the terrace at Pine Bank, Jamaica Park.





	Riverway.	Jamaica.	Franklin Park.	Arnold Arboretum.	West Roxbury-way.	Franklin Field.	Dorchesterway.	Charlesbank.	Charlestown Heights.	Charlestown Playground.	Wood Island.	Marine Park.	North End Park.	Chestnut Hill.	Rogers Park.	Totals.
Bell.....	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Buggies, Goddard.....	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2
Bars, claw.....	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	4
Bars, crow.....	5	23	68	12	1	1	1	4	1	1	2	1	-	-	1	127
Bars, crow with chain.....	1	-	1	-	-	-	-	-	-	1	-	4	-	-	-	6
Bars, pinch.....	-	-	8	-	-	-	-	-	-	-	-	3	-	-	-	17
Bars, tamping.....	4	-	8	-	-	-	-	1	-	-	3	1	-	-	-	17
Bells, square point.....	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2
Bells, dumb.....	-	-	-	-	-	-	-	187 p's	-	-	102 p's	-	-	-	-	289 pairs
Bars, round iron heads.....	-	-	1	-	-	-	-	50	-	-	-	-	-	-	-	52
Balls.....	-	-	19	-	-	-	-	15	6	-	4 iron	1	-	-	-	10
Baskets.....	2	-	31	-	-	-	-	8	9	-	-	-	-	-	-	49
Bellows.....	4	13	50	2	1	-	-	1	-	-	5	-	-	3	2	67
Belts.....	-	-	102	98	8	-	-	-	-	-	-	-	-	-	-	10
Benches.....	1	-	3	-	-	-	-	1 set	-	-	100	-	-	-	-	50
Bits.....	6	-	1 lb.	-	-	-	-	-	-	-	-	1 set	-	-	-	11
Beeswax.....	1	-	1	-	-	-	-	1	-	-	-	1 lb.	-	-	-	1
Bit-stocks.....	1	-	58	24	-	-	-	4	-	-	1	2	-	-	-	4
Blocks.....	1	2	58	con'd	-	-	-	-	-	-	-	-	-	-	-	92
Bolts.....	-	-	1 lot	-	-	-	-	2 gross	-	-	-	39	-	-	-	1 lot
Boats, with oars.....	1	-	2	1	-	-	-	-	-	-	-	-	-	-	-	2 gross
Brushes, paint.....	-	-	74	-	-	-	-	5	-	-	-	4	-	-	-	39
Bran.....	-	-	250 lbs.	-	-	-	-	-	-	-	-	6	-	-	-	8
Boilers.....	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	85
Boats, rubber.....	7 pairs	-	31 pairs	-	-	-	2 pairs	-	3 pairs	-	-	6 pairs	-	2 pairs	-	250 lbs.
Borax.....	-	-	5 lbs.	-	-	-	-	-	-	-	-	-	-	-	-	3
Boots.....	-	-	8 pair	-	-	-	-	-	-	-	-	-	-	-	-	51 pairs
Boots, horse.....	14	-	154	4	-	1	2	9	-	-	2	2	-	9	1	5 lbs.
Brooms.....	-	-	10	-	-	-	-	2	8	-	-	-	-	-	-	8 pairs
Brands.....	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	196
	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	15



	Riverway.	Jamaica.	Franklin Park.	Arnold Arboretum.	West Roxbury-way.	Franklin Field.	Dorchesterway.	Charlesbank.	Charlestown Heights.	Charlestown Playground.	Wood Island.	Marine Park.	North End Park.	Chestnut Hill.	Rogers Park.	Totals.
Coal, tons.....	8	15	12					7	1	4 ton	3	4 ton			1	37
Cupboards.....		10	12					2		2						39
Cots.....			27													27
Crusher, stone.....			1	1												2
Cultivators.....	1		2	9						16		1		1		14
Curtains, sash.....			22					6								44
Chaise, two-wheeled.....			1													1
Cuppers, iron.....			3					3			555					6
Chests, brass.....															1	555
Chests, tool.....			4													10
Catch-basin frames.....			10													3
Copying presses.....		3	127									1 162'				127
Cloth-caps.....												1 160'				1 026 ft. 3 small
Chain, feet.....		200	204	300												1
Cant dog.....		1														7
Cases, plan.....		7														6
Cases, book.....		5														3
Diaphragma.....			3													4, 1 boom
Derricks.....			4	1 boom								2				34
Desks.....		14	10					5	1		2	2				2
Dies.....												1	6			166
Dippers.....	12	11	72			6	1	12								8
Drags.....			8													6
Draw-knives.....		1	5													6
Drum-forks.....	10	4	45	5				1	2						1	67
Ducks.....			67													16
Dusters.....	3		10					3								2
Dies, caulking.....			2													3 gals.
Disinfectants.....		3 gals.						3 bot'ls								3 bot'les
Dustpans.....	2								3		3	1				9





	Riverway.	Jamaica.	Franklin Park.	Arnold Arboretum.	West Roxburyway.	Franklin Field.	Dorchesterway.	Charlesbank.	Charlestown Heights.	Charlestown Playground.	Wood Island.	Marine Park.	North End Park.	Chestnut Hill.	Rogers Park.	Totals.
Gongs.....	-	-	1 bbl.	-	-	-	-	2	-	-	-	-	-	-	-	3
Green bronze paint.....	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Grass trimmers.....	1 bag	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Grass seed, bags.....	-	-	-	9	-	3	-	-	1	-	1 bag	-	-	-	-	2
Hammers, striking.....	-	1	-	-	-	-	-	-	-	-	2	-	-	-	-	2
Hat-tree.....	-	-	96	-	-	1	-	-	-	-	-	-	-	-	-	3
Hammer handles.....	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Hammers, brick.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Hammers, clay.....	2	3	-	-	-	-	-	1	1	-	1	1	-	-	-	11
Hammers, cracking.....	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Hammers, hand.....	2	1	-	6	-	-	-	1	-	-	-	-	-	-	-	9
Hammers, paving.....	4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	11
Hammers, pean.....	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Hammers, sledge.....	7	5	-	4	-	-	-	2	1	-	2	-	-	-	-	23
Hammers, assorted.....	-	-	307	-	-	-	-	2	-	-	-	-	-	-	-	310
Hammer, shoeing.....	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Hammers.....	13	-	24	-	-	-	-	-	-	-	-	-	-	-	-	37
Handles, axe.....	2	-	72	-	-	-	-	1	-	-	-	-	-	-	-	75
Handles, rake.....	-	14	48	24	-	-	-	14	10	-	-	33	-	-	-	48
Handles, pick.....	-	-	272	-	-	-	-	3	-	-	-	6	-	-	-	367
Hooks.....	-	-	3	-	-	-	-	-	-	-	1	-	-	-	-	12
Harrows.....	2	-	18	-	16	-	-	-	-	-	-	-	-	-	-	37
Hay riggings.....	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Hay kicker.....	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Hay covers.....	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2
Halters.....	-	-	33	-	-	-	-	-	-	-	-	-	-	2	-	33
Harness, working, double set.....	4	-	23	-	-	-	-	-	-	-	-	-	-	-	-	27
Hatchets.....	3	1	22	-	-	-	-	1	-	-	-	2	-	-	-	29
Hames.....	-	-	13 sets	-	-	-	-	-	-	-	-	-	-	1 set	-	14 sets
Horse shoe nails.....	-	6	30 lbs.	-	-	-	-	-	-	-	-	-	-	-	-	30 lbs.
Hoes.....	33	-	290	4	-	-	-	6	6	-	6	7	-	-	3	360
Hods, coal.....	-	1	-	-	-	-	-	1	-	-	-	3	-	-	-	5



	Riverway.	Jamaica.	Franklin Park.	Arnold Arbore- tum.	West Roxbury- way.	Franklin Field.	Dorchesterway.	Charlesbank.	Charlestown Heights.	Charlestown Playground.	Wood Island.	Marine Park.	North End Park.	Chestnut Hill.	Rogers Park.	Totals.
Jumping { standards.								5 sets								5 sets
Kegs, water.			3					5 boxes				35				5 boxes
Keys, blank.			1 lot													98
Knives, pruning.	4		9					2	1							1 lot
Lime.																16
Lawn tennis net and back net.											$\frac{1}{2}$ bbl.					$\frac{1}{4}$ bbl.
Lawn tennis marker.			1								1 each					1 each
Ladders.	8	3	29	$\left\{ \begin{array}{l} 1.10' \\ 1.25'ex \end{array} \right\}$	$\left\{ \begin{array}{l} 2 \\ 8 \text{ ha nd} \\ 1 \text{ horse} \end{array} \right\}$	2	$\left\{ \begin{array}{l} 1 \text{ step} \\ 22 \text{ --} \\ 9 \text{ life} \end{array} \right\}$				10	3				126
Lawn mowers.	3		40					2	2	1	1	3		4		65
Lawn hydrants.			7													7
London purple								87 bxs.								87 boxes
Lamps, pier												3				3
Lamps.	2	1	13			2		5	5			2				20
Lanterns.	26	7	146	18		1	1			4	8	7				228
Lawn tennis poles.			104			8					4					116
Lamp wicks.			2 gr.													23 gross
Lead, soundings.												2 gross				1
Lead, pig												1				1
Lead, white.												12 lbs.				12 lbs.
Lead, red			65 lbs.									40 lbs.				105 lbs.
Levels, spirit.	2	4	15						1		1	1		1	1	26
Life preservers.	10	10	20					10				40				90
Lead pipe.			1 $\frac{1}{2}$ "-12"					1 $\frac{1}{2}$ "-12"								1 $\frac{1}{2}$ "-24"
Locks.	9		11					2								22
Looking glasses.			6					6								12
Lumber, mixed.			1 lot	610 sta kes				small lot			250 spruce	1 lot				5 lots
Lawn stakes, iron.									12							12





	Riverway.	Jamaica.	Franklin Park.	Arnold Arboretum.	West Roxbury-way.	Franklin Field.	Dorchesterway.	Charlesbank.	Charlestown Helges.	Charlestown Playground.	Wood Island.	Marine Park.	North End Park.	Chestnut Hill.	Rogers Park.	Totals.
Oil tanks.....	1		3	1				1				1				7
Oars, pairs.....	1		3													4
Oats.....			150 bu.													150 bus.
Plantmeters.....		2														2
Plant labels.....			1,000		1											1,000
Padlocks.....		1	45					6				20		2	2	71
Pails, cement.....		10	110					3	4			2		1	1	8
Pails, water.....	12		1 pair			6										149
Pincers, shoeing.....																1 pr. shoe pincers
Picks.....	18	6	263	{ 10 pic ks, 5 doz. eyes, 18 to 18' } be ste eled		1		8	12		20	24			12	{ 374 picks, 60 pick, eyes, 18 to be ste eled { 18', 1 lot, 4 pieces, 18", 15', 10", 15', 13", 200' 31 1 1 2 1 peacock 5 400', 12" 40 lengths 4', 60' pieces 1 lot 22
Pipe, drain .....			159'	{ 1 1/2" ir on 200' 18' 18' 10' 15' }						6" 9'	16'	1 lot			12" 4 pieces	
Pitchforks.....		2	29													
Punch, harness.....			1													
Pipe-cutter.....			1	1												
Peacock.....			1													
Pungs.....			5													
Pipe, wrought iron ..			440'		12' 40 lengths									4', 60' iron pieces		
Pipe fittings.....			1 lot													
Planes.....		6	10	2				2			1	1				
Plows.....			22	{ 1 G. 3 6, walk	6	3		1								35







[illegible]









City of Boston  
DEPARTMENT OF PARKS

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TWENTY-SIXTH ANNUAL REPORT

OF THE

BOARD OF COMMISSIONERS

FOR THE

YEAR ENDING JANUARY 31, 1901



PRINTED FOR THE DEPARTMENT

1901



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# DEPARTMENT OF PARKS.

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## COMMISSIONERS' REPORT.

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HON. THOMAS N. HART,

*Mayor of the City of Boston:*

SIR, — The Board has the honor herewith to submit this report for the financial year 1900-1901.

In our report for 1898 we estimated the amount necessary to complete the parks in all essential details at \$1,500,000. Of this sum we received \$1,000,000 by special legislative enactments (Chapter 313 of the Acts of 1898, and Chapter 303 of the Acts of 1899), leaving \$500,000 still needed, if the plans then formulated, after careful consideration of the needs of the parks to fit them for use by the present generation, were to be carried out.

Last year we again revised these plans, leaving out some expensive work at Charlesgate, which would cost about \$80,000, and which might well await a more convenient season, and omitting any considerable sum for the construction of the West Roxbury Parkway, for the same reason, thereby reducing the estimates for completing the parks to \$250,000. Since then the City Council has appropriated \$100,000 for this purpose, leaving \$150,000, which we think necessary, to enable us to give our citizens the benefit of a completed park system, and to place the Department upon a maintenance basis. We recommend that an appropriation of this amount be made at an early day, in order that we may close our construction work the present year.

In our report of last year we called attention to the necessity of acquiring more land for playgrounds and stated our

opinion, that wise municipal economy would authorize the expenditure of \$1,000,000 during the next two, three, or four years in securing additional playgrounds, in areas of from one to six acres, both in the crowded' and the outlying districts of the City. We again call attention to this need, and recommend that an appropriation be made for additional playgrounds, and that a proper sum be placed at our disposal for partial completion of those we now have, to make them more available for use. The amount appropriated under the playground act (Chapter 412 of the Acts of 1898) has so far been expended, that, until settlements have been made for lands already taken, we do not deem it wise to incur increased liabilities. The only land taken under this act during the past year has been a small addition to the Prince-street Playground, 3,328 square feet.

Having been informed by the authorities of Harvard College that the land taken from the college for the Forest Hills Playground was of great value to them in the matter of their agricultural experiments, and being unwilling to do an injury to the college, and believing that we could get land in the neighborhood equally as good as that taken, we have applied to the Legislature, with your concurrence, for an act to authorize the abandonment to the college of such part or the whole of this land as may, after conference with the college, be found to be for the public interests.

On December 24 the Board took the following action :

*Whereas*, The Board of Park Commissioners of the City of Boston desiring to record its appreciation of the genius of Mr. Frederick Law Olmsted, and to perpetuate in a conspicuous and fitting manner, in connection with the comprehensive and beautiful park system which he has created for this City, the name of a great artist and public benefactor, passes the following votes :

*Voted*, That the name of Leverett Park, heretofore given to that part of the parks which lies between Washington street at the boundary between the City of Boston and the Town of Brookline and Perkins street, and the name of Jamaica Park, heretofore given to that part of the parks which is adjacent to Jamaica Pond, be discontinued ;



CITY OF BOSTON PARK DEPARTMENT  
**OLMSTED PARK**

SCALE OF FEET  
0 100 200 300 400 500 600 700 800 900 1000  
DECEMBER 24, 1900.









*Voted*, That those parts of the parks heretofore known as Leverett Park and Jamaica Park be called Olmsted Park, in honor of Frederick Law Olmsted.

Full details of the work of the Department during the year will be found in the accompanying reports of its Superintendent and Engineer.

Respectfully submitted,

CHARLES E. STRATTON,  
LABAN PRATT,  
JAMES M. PRENDERGAST,  
*Commissioners.*

BOSTON, January 31, 1901.



## SUPERINTENDENT'S REPORT.

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TO CHARLES E. STRATTON, LABAN PRATT AND JAMES  
M. PRENDERGAST, *Commissioners*:

GENTLEMEN, — I herewith submit a report of the work performed, under the direction of your Board, in this Department during the year 1900.

### FRANKLIN PARK.

Notable among the areas planted in Franklin Park last year were the plantations of red cedars (*Juniperis Virginiana*) on Schoolmaster Hill and on the hillocks lying to the northwest; the plantations of deciduous trees and shrubbery in the bordering belts along Morton street, from Forest Hills street to a point north of Canterbury street, and in portions of the bordering belts of Canterbury street, Forest Hills street and Seaver street.

The greater part of the material used in this work was obtained by the thinning out of plantations made within the past four years. Such plantations, when properly handled, furnish better plants for transplantation than can be found in the market. Planted thickly at first, they give the immediate effect of density of foliage, and the individual plants afford shelter to each other.

The work of loaming the thin and sterile woodlands in the park, unfortunately, could not be continued last year. This work is of the greatest importance, and should be prosecuted, with the least possible loss of time, until a depth of loam sufficient to insure vigorous tree growth is furnished.

The small amount of rainfall, too, during the summer, made the care of newly planted trees much more difficult. But by mulching on the driest locations, and stirring up the soil immediately around each tree, the trouble was tided

over without any loss of consequence, and the plantations generally are in very good condition.

The increasing popularity of the game of golf in Franklin Park necessitated the making of a new lot of tees and greens, for alternate use and rest with the old ones. Until the commencement of the season of 1900, the links had been under the care and control of a professional golfer, who maintained the course for the revenue derived from the sale of golf material, from teaching the game, and from a charge of fifteen cents per round of the links. Commencing with last season's play, the Department assumed the management of the game and the care of the links, opening the course to the public free of charge. The use of the links greatly increased, and forty thousand players went over the course during the season of seven and a half months; the attendance for one day, September 22, being 884. For the public safety the links are closed on holidays. No serious accident, up to the present time, has occurred.

The game of tennis awakened considerable interest last year. An average of forty-two courts were provided in Franklin Park, and, to meet a further demand, twelve courts were made in Franklin Field, which were equipped with permanent posts and wire-netting backstops.

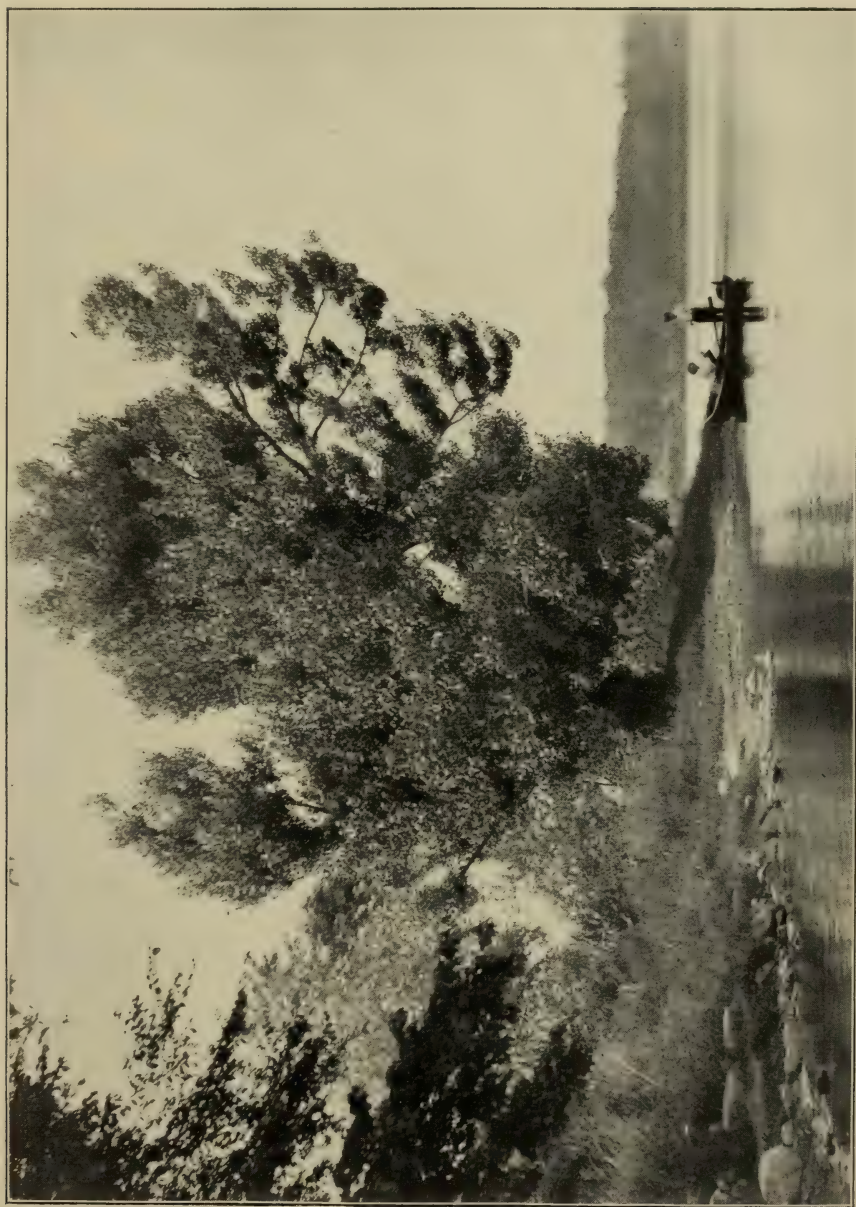
#### ARNOLD ARBORETUM.

For the drainage of the low-lying grounds in the Arboretum, a conduit was built along the line of the brook, between the Arborway culvert and Woodman street. This conduit will connect with the one in course of construction by the Street Department, which is expected to be finished in the early spring, when complete relief from stagnant water and water-logged soil will result. A barbed wire fence of nine strands was erected during the past winter, replacing the old picket fence, on the dividing line between the Adams Nervine Asylum and the Arboretum.

#### OLMSTED PARK.

Grading around the shores of Ward's pond was completed the past season, and most of the planting was done. Near





OLMSTED PARK, WESTERLY SHORE OF JAMAICA POND.



the water line various kinds of semi-aquatic plants were colonized, while in the water along shore were planted many species of water lilies, including the Cape Cod pink lily. A number of Marliac's beautiful hybrids and groups of the so-called Egyptian lotus (*Nelumbium speciosum*) were also established. The plants grew and bloomed well, and proved a most attractive and interesting addition to the picturesque charm of the surroundings, enticing many visitors.

On the slope at the Perkins-street side were planted the rhododendrons removed from Franklin Park, the intention being to continue the rhododendron plantation along the lower part of the slope to the spring. The upper part of the slope reaching to the retaining-wall is planted with *Mahonia aquifolium* and *Leucothoe catesbeii*, while mountain laurel will be planted on the east slope.

Loam spaces were made on a part of the north and east shores of Jamaica Pond, between the walk and the water line, and were planted with trees and shrubbery to afford retirement and shade to the path, with the intent also of bringing the foliage line nearer to the water and mollifying the hard effect of the wide expanse of bare beach and walk. At Pine Bank, on the ground prepared the previous season along the Perkins-street border, hemlocks and pines were planted.

#### RIVERWAY.

Along the Riverway the rearrangement of the plantations was continued, and a considerable amount of planting was done, in which may be noted several groups of native azaleas. The work of the past three years on the slopes of this waterway, together with the conditions of soil and shelter, is resulting in good effects. Along its course are some of the most charming nooks and pleasing views to be found in our parks.

#### THE FENS.

The work at the Fens during the past season has been confined to the further removal of trees and shrubs that have been damaged by overcrowding, and replacing with new material. The conditions in a large part of the Fens are unsuit-



able for luxuriant growth ; the situation is very exposed and wind-swept ; the subsoil is a filling of porous gravel, or salt marsh mud, covered with a varying depth of loam, in very few places of sufficient depth for producing good tree growth, and in many places not sufficient for shrubbery growth. On account of the lack of funds the work of adding loam, as planned by your Board, could not be carried out. An appropriation sufficient for this purpose is a necessity of prime importance, as, with present conditions, it is impossible in many places in the Fens to produce other than a stunted growth of trees.

The condition of the water in the Fens has not been much improved, as large quantities of sewage and drainage matter still empty into the channel. In the effort to neutralize this, additional automatic gates were constructed at Brookline avenue for the admission of water at each tide from the Charles river. We have now reached the limit of our capacity for relief by this method. Measures are being taken, however, by the Sewer Department of the City to provide another outlet for the sewage and drainage by intercepting the Commissioners' chapel and carrying its flow directly into the Stony brook and Charlesgate conduit. This will materially better the conditions in the Fens, which have proved so annoying. The removal of the deposit of drainage filth in the Fens' channel would still further improve the water.

#### CHARLESBANK.

This breathing place for the people of the West End increases in favor and popularity. The dryness of the past season, with the constant use of the lawns by the residents nearby, who swarmed over them from the heated streets and tenements, proved very trying to the turf, and gave an appearance of desolation to the lawns during the summer. A few rains in the fall, however, freshened up their appearance ; and in those places where the grass was entirely killed it can easily be renewed. The most serious damage resulting from opening the mounds to the public was that done to the young trees and shrubbery. To remedy this and to further open up the mounds and give more freedom of use, the shrubbery has



been removed from them. The shrubberies are now confined to the belt bordering Charles street, where they afford shelter and seclusion from street life. These plantations are difficult to maintain, and it may be necessary to erect fences to protect them from the indiscriminate trampling to which they are subject. These, however, are slight drawbacks, and are not to be considered as arguments for the exclusion of women and children from the mounds.

During last fall the shrubbery surrounding the women's and children's gymnasium was rearranged, and, in addition, a quantity of trees and shrubbery from other parks was planted. Shade being an essential requirement of Charlesbank, young trees of a hardy nature have been planted throughout the grounds wherever suitable locations could be found.

The men's gymnasium at Charlesbank attracts increased interest and patronage. The classes are well attended, and the work is well done. The athletic work of the gymnasium is still under the charge and direction of Mr. John W. Bowler, the superintendent.

The gymnasium was open 184 days during the season, the total attendance being 162,885; an average daily attendance of 885. The afternoon classes had an average attendance of 48 at each session, while the average attendance at the evening classes was 110. Number of bathers, 14,849.

A steam heating plant was installed, last fall, in the women's and children's gymnasium building, displacing the cumbersome and expensive stove-heating method.

#### WOOD ISLAND PARK.

The new plantations at Wood Island Park continue to improve in growth and vigor, and bid fair, at no distant day, to give shade and shelter to this bleak spot, when the name it bears will be both appropriate and significant. The last of the ground intended for woodland has now been planted. Three or four hundred young oaks, however, will be scattered through the plantations next spring, to increase the number of species, from which the fittest will be selected, at thinning time, for the permanent trees.

The gymnasium work still continues, but not with an enthusiasm and interest commensurate with the expense it entails. Very light class attendance is registered, and the work is mainly of a desultory character, which does not indicate an appreciation of the advantages offered by the Department, for physical culture. It is hard to account for this, unless it may be that the grounds are three-fourths of a mile from the settled districts, and without railroad facilities for that distance. The classes and other work of the gymnasium have been under the superintendence of Mr. James L. Walsh and Miss Maud Wessel, both instructors of recognized reputation and ability. The gymnasium was open from April 21 to November 30 — 192 days. A total attendance of 48,065 was registered, the average class attendance being 34 daily. Number of bathers, 8,928.

The recreation ground continues to gain in popularity and use. Baseball, tennis, cricket, and football grounds are provided; no charges are made, and grounds can be secured two weeks in advance. The general attendance at the Park increases with each season.

#### CHARLESTOWN HEIGHTS.

The St. Martin street boundary, prepared the season previous, was planted with a belt of trees for a screen. The sand courts were drained, and their copings and brick pathways relaid.

#### MARINE PARK.

This popular park maintained its reputation the past hot summer, and a large increase of bathers was noticeable. The lawns, now open to the public, suffered greatly from hard usage; the shrubbery, too, was much broken, yet no permanent damage was done. As at Charlesbank, the shrubbery has been removed from the lawns, and will be grown only where it can be protected. The grounds are too small for the numbers that use them, and therefore artistic landscape effects are impossible. The best results would seem to be obtainable by studying the comfort of the people, and giving it consideration rather than landscape effects.

The new plantations around the ponds are growing well, considering that they could not be given proper cultivation last summer, from lack of funds. A connection by a fifteen-inch pipe has been made between the waters of the bay and the chain of ponds, to maintain the water in the ponds at a uniform grade and to keep them sweet by introducing a fresh supply of water. The temporary boat landing in Pleasure Bay has been removed, and the service transferred to the new boat landing west of the Head-house. A bubble drinking fountain was erected last summer in front of the new boat landing.

Castle Island, with its health-giving sea breezes and its charming views of harbor life, was, as usual, a favorite haunt of the City dwellers.

The completion of the Strandway being in the hands of the Street Department no work was done there by this Department other than that of maintenance.

#### DORCHESTER PARK.

No work was done in this beautiful picnic ground, other than that of ordinary maintenance, and the employment of a gang of tree pruners to cut out dead and interfering wood.

#### COPP'S HILL TERRACES.

Required only the ordinary work of maintenance.

#### WEST ROXBURY PARKWAY.

No work of construction has been done on this parkway, during the past season, for lack of an appropriation for that purpose. The new woodland bridle path through this district has afforded an opportunity for rough country riding, and has been well used.

#### NURSERIES.

The Department nurseries, containing in all about seven acres, are located in three widely separated districts: three and two-tenths acres being at Franklin Field, two acres at West Roxbury Parkway, and one and eight-tenths acres at Chestnut Hill Reservoir. For convenience and economy it has



been decided to concentrate them on the upland at Franklin Field. In furtherance of this design an additional area of four and one-half acres, in Franklin Field, has been cleared of rocks and boulders, and broken up with the sub-soil plow. This ground will be reduced to a fairly mellow condition by planting time in the approaching spring. The stone gathered from the surface of the Field has been utilized to lay the foundations of boundary walls along the lines of Stratton street and Blue Hill avenue. The nursery stock is in good condition. A list giving kinds and quality will be found elsewhere in this report.

#### PLAYGROUNDS.

##### FRANKLIN FIELD.

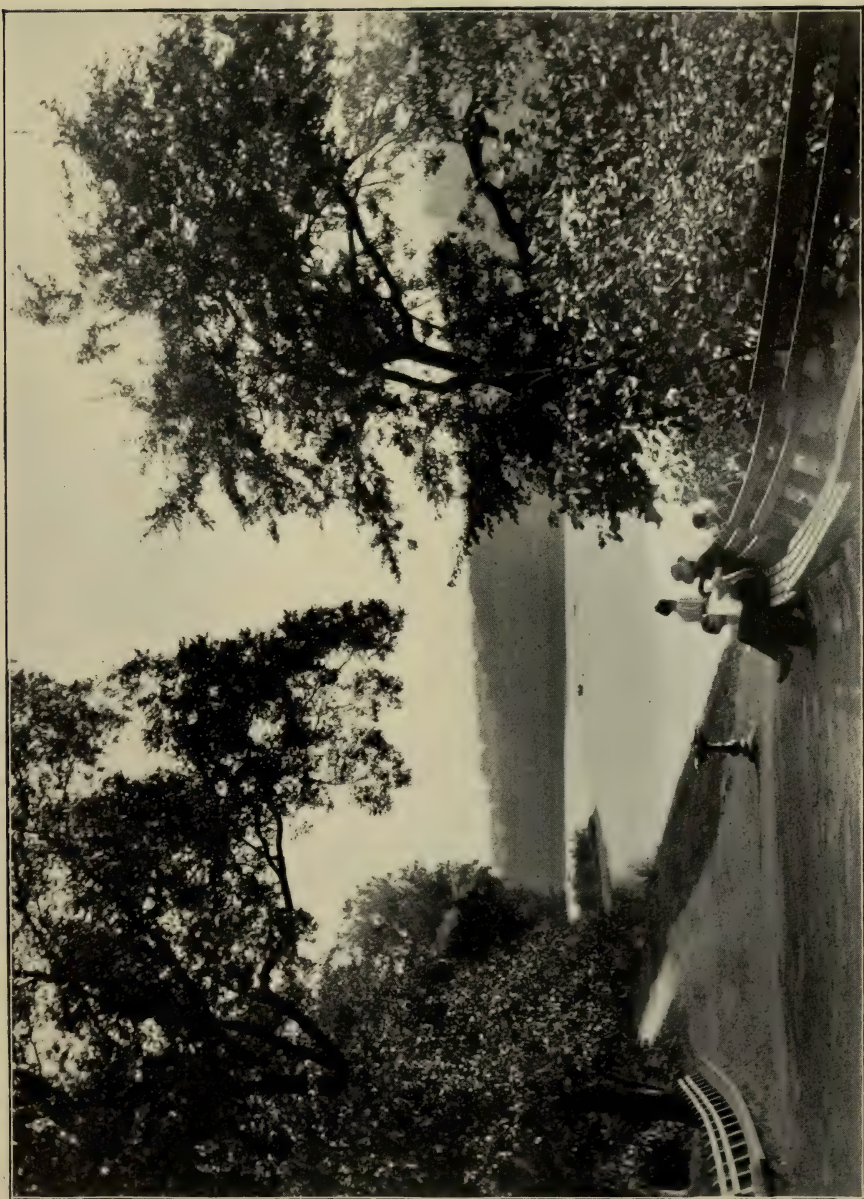
(77 acres.)

This fine playground is gradually getting into a worse condition with each year. The loose peaty material composing a large part of its surface is not fitted for producing a tough, grassy growth, while settlements of the ground are numerous, caused probably by a shrinkage of the soil from drainage. This makes play difficult and even dangerous, thereby nullifying, in a measure, the splendid possibilities of the playground. A covering of from four to six inches of loam over the peaty areas would remedy the trouble. This work of loaming could extend over two seasons, and thus not interfere greatly with the use of the Field for games.

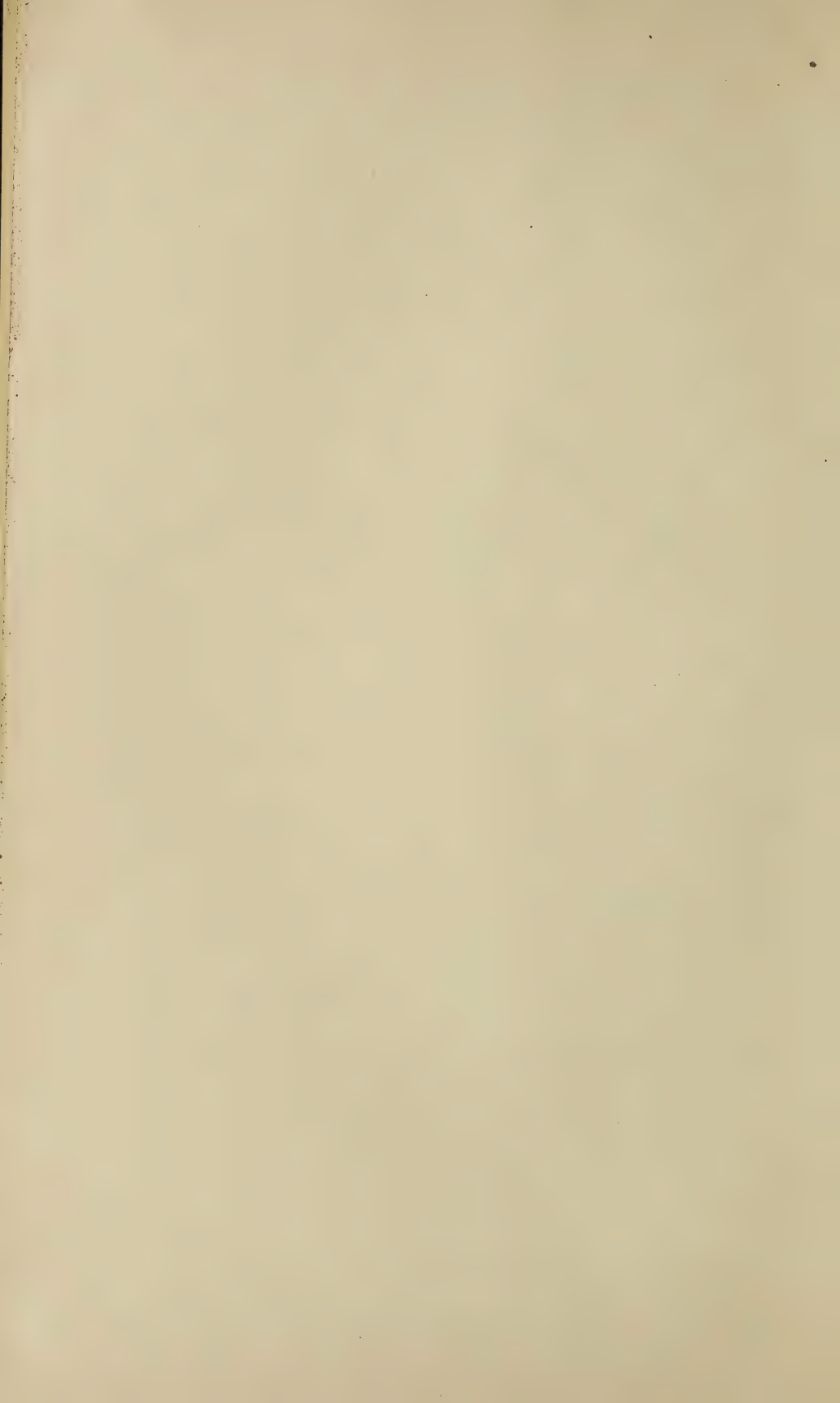
The Street Department is about to begin the work of building a conduit to take the drainage waters of the district. This will greatly improve the Field, both in appearance and convenience, as well as add to its area the ground now occupied by the drainage ditch that traverses two sides of the playground.

Increased use is made of the playground each season; football, baseball, and tennis are the games most popular, while two cricket clubs have obtained permission to play on the Field during the coming season. It is a common occurrence, on Saturday afternoons, to find in progress at one time from fourteen to twenty match games between organized baseball





OLMSTED PARK, ENTRANCE TO JAMAICA POND FROM PERKINS AND CHESTNUT STREETS.



teams. Permits are issued on application, in advance, to regularly organized clubs, for the various games. On a failure of the applicant to appear at the appointed hour the grounds are given to the next applicant in waiting.

#### CHRISTOPHER GIBSON PLAYGROUND.

(6 acres.)

Dorchester avenue and Park street. The grading of the low ground and the loaming of the surface of the triangular parcel have been completed, and loam beds have been prepared on the boundaries of both pieces of ground in readiness for planting shade trees in the spring. The plans proposed for the completion of this playground require mainly an open-air gymnasium, fences, and planting.

#### SAVIN HILL BEACH.

(18.6 acres.)

Spring street, Dorchester. This beach is located on Dorchester Bay. A coating of sand on its gently sloping and now gravelly beach would give good high-tide bathing facilities. During the past fall a dike was constructed across the low ground to the railroad, and a tide-gate set in the embankment. This has doubled the length of the beach, while the low ground lying behind the new dike, will, when filled, make a playground, the material for which can be pumped from the bay along the beach front. This will also deepen the water sufficiently to allow of bathing at low tide. For many years previous to the acquirement, by your Board, of this property, the beach had been used for boating and bathing, these privileges being leased from the owner. The Department continued this system last year, but has now ordered all shanties (about seventy in number) removed. Plans are being considered for the development of the grounds when an appropriation shall have been made for the purpose.

#### NEPONSET PLAYGROUND.

(18 acres.)

Neponset avenue. The work of construction at this playground was confined to the loaming of the skating area, in

preparation for sowing grass seed in the spring. The surface of the remainder of the playground does not seem to require further filling. The tide-gate has served fully the purpose of draining out the marsh; a little tile drainage, however, may be necessary; a light covering of loam will be required also to level the surface, as it is gridironed with drainage ditches that are nearly closed up, and it would be useless to attempt to plow and spread the tough, salt-marsh sod.

#### MYSTIC PLAYGROUND.

(*2 1-4 acres.*)

Chelsea street and Mystic river. No work of construction was done at this playground last year. As the grounds are too small for baseball, excepting for the younger boys, they are not much used. Greater benefit would result from this playground by the prohibition of the game of baseball and the substitution of simple apparatus for gymnastic work, and of sand boxes and teeter boards for children, with facilities for other suitable games and amusements. If the playground were so equipped the service of a competent person would be required to keep order and to give direction to the play; it is possible that such a one might be found among the female graduates of our Boston athletic schools.

Shelter and sanitary accommodations are needed, also a drinking fountain.

#### CHARLESTOWN PLAYGROUND.

(*14 acres.*)

Corner of Main and Alford streets. The old mill buildings have been cleared away, as have also the brick and wooden buildings on the Main street front. The greater part of this playground has been made by the dumping of City refuse between Main street and the bulkhead line of Mystic river; this work of filling will soon be completed. A loam space, ten feet wide and three feet deep, was prepared last fall, on the Alford and Main street sides, for the planting of shade trees in the spring, and an iron picket fence was erected on the Alford street front. The grading



of the grounds was completed, as far as means would allow, and a skating rink of about four acres was made, including necessary drainage and water supply. Shelter and sanitary buildings are needed, also a fence for the Main street front. The completion of the bridge, now near at hand, will permit of the extension of the Alford street fence to the river, which has been delayed to accommodate the work on the bridge. An open-air gymnasium would undoubtedly be well patronized by the young men of the neighborhood.

#### ROGERS PARK.

(7 acres.)

Foster and Lake streets, Brighton. This playground has been fenced during the past season, and some ploughing and grading done. Filling on the Lake street half of the ground is necessary, as also are sanitary accommodations.

#### NORTH BRIGHTON PLAYGROUND.

(11 acres.)

Western avenue and North Harvard street. During the past season this playground was tile-drained, and the old drainage ditches and larger depressions and holes were filled up. The shutting out of the tides from the Charles river, and the drainage system just installed, have converted what was formerly a salt-water meadow into a dry and firm piece of ground. No filling will be needed, as a light covering of loam will serve to level all existing inequalities, thereby saving the expenditure of time and money that would be incurred in trying to reduce the tough, marsh-grass sod to a suitable condition. The ball grounds were much used last season both for football and baseball. Sanitary and shelter buildings, and fencing are among the requirements.

#### BILLINGS FIELD.

(11 acres.)

Lagrange street, near Centre street, West Roxbury. On account of the lack of money, the work of constructing this playground could not be continued last season. The imperfect drainage of the district below the Field will not permit

of a satisfactory drainage of the playground. Until the Street Department has corrected this difficulty, by providing an outlet for the drainage, it will be necessary to grade the playground to a point high enough to be beyond overflow during stormy or wet periods. The playground has been tile-drained, and the small brook which crossed it has been piped, and is ready to be connected with the city drainage system when it is completed. Shelter and sanitary buildings are needed; fencing, too, is necessary. The grounds were in good demand for games during the past season.

#### ROSLINDALE PLAYGROUND.

(3 7-10 acres.)

South Walter and Robert streets. Grading at this playground was nearly completed last fall, the grounds being so graded as to permit of flooding for skating in winter. The brook crossing the grounds was carried below the surface by piping. Retaining-wall foundations were laid on the Robert street side, while loam spaces for boundary trees were prepared on both the Robert and South Walter street sides. A little additional grading will make this playground available for use.

#### COLUMBUS AVENUE PLAYGROUND.

(4 9-10 acres.)

Columbus avenue and Camden street. The filling and grading of these grounds were nearly completed last fall, and a basin was formed for a skating rink by raising the grade near the railroad. This playground is located in a populous district, and will be well used. It would be advisable to fence off a portion of the Camden street end, and equip it with suitable appliances for the use of children, under the charge of a competent female instructor. Fencing, sanitary accommodations, and a drinking fountain are needed.

#### PRINCE STREET PLAYGROUND.

(4-10 acre.)

Prince and North Bennet streets. This breathing spot, formerly called North End Playground, was carved from a





OLMSTED PARK.





mass of old tenement buildings in the most densely populated part of the City, six schools lying within a radius of three hundred and fifteen feet from its centre. No embellishments have been attempted, the ground having simply been graded and gravelled, to serve as a swarming place for the children of the neighborhood. An addition by purchase of 3,328 square feet was made to this playground last season.

#### FIRST-STREET PLAYGROUND.

(5 acres.)

First and M streets, South Boston. No further work of construction has been done here. The ball ground and running track were well used during the summer months. A sanitary building is one of the requirements of the place, also a drinking fountain. An open-air gymnasium, too, would be much appreciated. The apparatus need not be of such a character as to call for the services of other than a careful custodian.

A boundary fence is much needed for the protection of the street trees. Confining ingress and egress to the grounds to certain limits would prevent indiscriminate tramping over the tree borders and damage to the trees.

#### FELLOWS-STREET PLAYGROUND.

(3-4 acre.)

Fellows and Hunneman streets, Roxbury. No work of construction or improvement has been done during the past season at this playground, except the planting of boundary trees.

This little playground, by its location and size, is well adapted for small children. To bring out a larger measure of usefulness, it would be well to place it under the charge of a female graduate of an athletic training school, or a kindergartner, who could conduct exercises and teach the children how to play. This provision would be a great inducement to the little folks, and increase the attendance and use of the grounds.

The playground is entirely bare of shade or shelter, and in appearance is inhospitable and uninviting. In time this

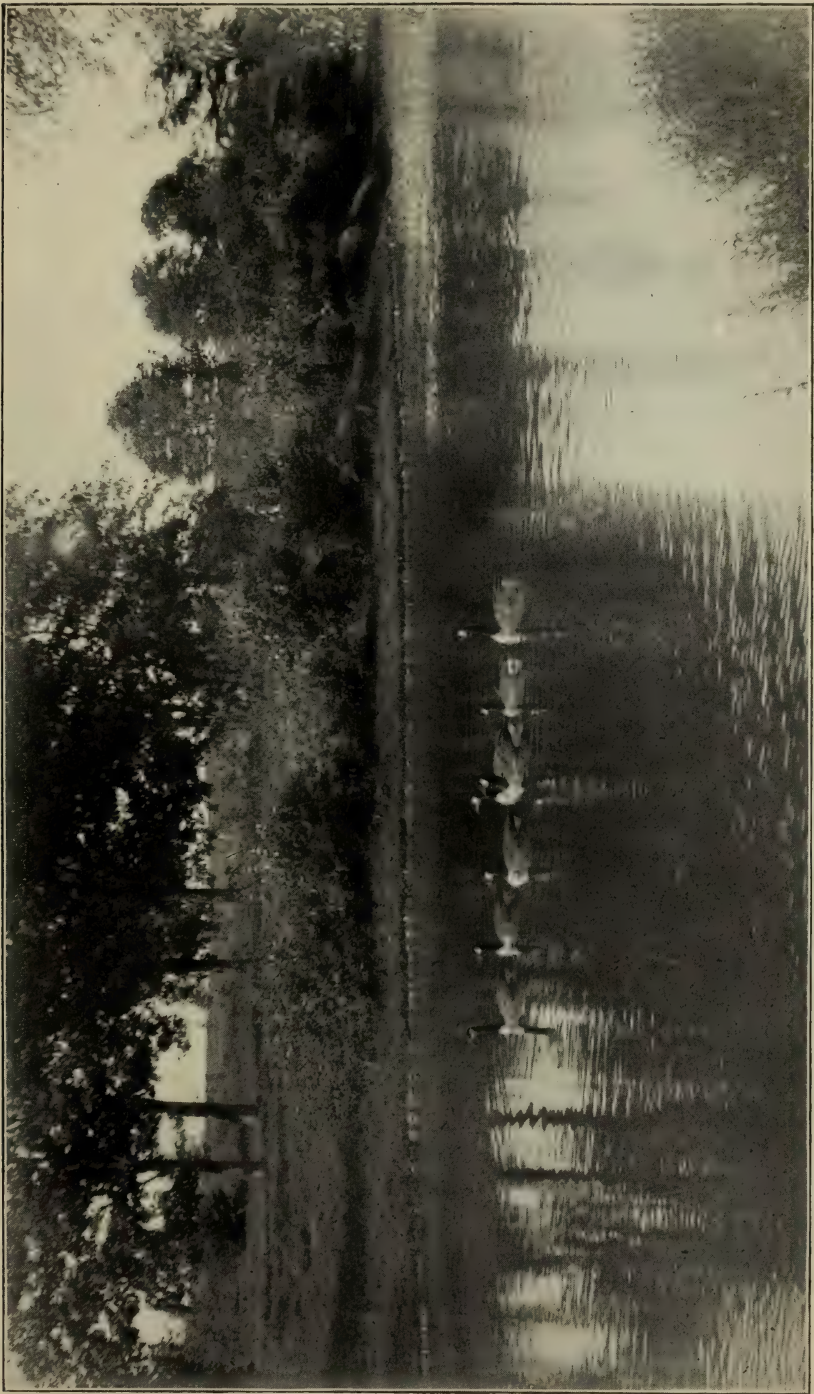
will be corrected, when the newly-planted trees have grown sufficiently to cast a shade. In the meanwhile, much might be accomplished by providing a neat and inexpensive shelter, a few sand boxes, and teeter boards; while other playthings could be furnished were the playground placed under competent supervision.

#### ICE SPORTS.

The winter of 1900-1901 has been favorable for making ice fields. Conditions have been good for skating on forty-five days, and it is estimated, approximately, that 480,000 people enjoyed the sport during the skating season. A number of enclosed rinks were maintained for the exciting game of hockey. These rinks on application could be engaged in advance for matches, and many notable contests were fought during the winter.

An effort was made by a few enthusiasts to establish the grand old Scottish game of curling. An encouraging measure of success was the result; and it is hoped that in future the "roaring game" will be a conspicuous feature among the winter sports at Franklin Field.

The following table will show the extent and growth of the facilities for the enjoyment of the winter pastime of skating, provided for the public by the Park Department:



WILD GEESE, FRANKLIN PARK.





Name.	Area.	Hockey Rinks.	No. of days Skating.	Approximate Attendance.
Jamaica Pond.....	64.5 acres	.....	26	38,907
Franklin Field .....	35.0 "	2	43	140,065
Neponset Playground.....	3.3 "	.....	38	13,200
Billings Field Playground.....	5.0 "	1	58	32,100
Charlesbank.....	1.4 "	.....	24	39,200
Charlestown Playground.....	2.2 "	1	35	15,150
Wood Island Park .....	7.9 "	1	44	64,105
First Street Playground .....	3.1 "	.....	40	31,225
North Brighton Playground.....	3.3 "	1	29	12,025
Columbus Avenue Playground....	1.6 "	1	33	44,150
Roslindale Playground .....	1.6 "	.....	52	29,800
Gibson Playground.....	1.95 "	.....	37	19,200
Total.....	.....	.....	.....	479,127

Details of measurements and quantities of work done, during the past year, will be found in the report of Mr. C. E. Putnam, engineer of the Department.

Respectfully submitted,

JOHN A. PETTIGREW,  
*Superintendent.*

## ENGINEER'S REPORT.

MR. J. A. PETTIGREW,

*Superintendent :*

DEAR SIR,— The following report for the year ending January 31, 1901, is respectfully submitted :

## COMMONWEALTH AVENUE.

Artificial stone walks laid . . . .	1,640 square yards.
Brick walks relaid . . . . .	140 square yards.
Wearing floor of Charlesgate bridge relaid . . . . .	7,600 feet B.M.
Overhead electric wires removed or put underground . . . . .	17.

## THE FENS.

Overhead electric wires removed . . . .	52.
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The sea-wall and gate chamber at Charlesgate was completed in November, and about one half of the space between the sea-wall and Beacon street has been filled. This is all the filling that should be done until the conduits are built between the gate chamber and Beacon street.

To improve the condition of the Fens pond, the overflow at Beacon street has been lowered to grade 7, and changes have been made in the gates at the Muddy River gate-house, by which a much larger volume of sea water can be turned into the pond. A rise and fall of several feet, during each tide, can easily be maintained in the pond; but, to avoid injuring the plantations and exposing the unsightly banks, it is thought best to limit the fluctuations caused by the tides, to eighteen inches at each tide. This changes all the water in the Fens pond once in two and one-half days. That such frequent changing of the water is necessary to prevent the pond from becoming offensive, is a good indication of its

## 23

present condition, and shows the importance of preventing its further pollution. The deposit of foul mud and sewage that is the principal cause of the unsatisfactory condition of the pond, covers an area of about six acres, to a depth of from one to four feet. It was brought down by Stony brook, which receives a large amount of detritus from the streets, and the storm overflow from many sewers. All of this is turned into the Fens pond, and nearly all of the solid matter falls to the bottom before it reaches Agassiz bridge. This deposit is increasing in quantity, and will continue to increase until the dirtiest part of the flow of the brook is kept out of the pond. Owing to the increasing population and to new connections with the sewers, the pollution of the brook is increasing, and there should be no delay in building the short section of conduit necessary to divert this part of the flow from the Fens pond, and carry it directly to the Charles river.

## RIVERWAY.

Curbstone reset . . . . .	20 linear feet.
Electric light cable laid . . . .	200 linear feet.
Electric light installed . . . . .	1.

## OLMSTED PARK.

Electric light cable relaid . . . .	780 linear feet.
Loam bought and spread on plantations	13,900 cubic yards.
Retaining-wall along shore of Jamaica	
Pond removed . . . . .	612 linear feet.
Walks regraded and surfaced . . . .	1,170 square yards.

The overflow of Jamaica Pond has been still further lowered one foot, to elevation 65. The overflow was formerly at elevation 68. Lowering it three feet has not changed the low water level of the pond, but, by decreasing the fluctuations in the height of the pond, has allowed from six to twelve feet in width of the gravelly shores to be loamed and planted.

## ARBORWAY.

Boulevard lamps installed . . . .	8.
Electric light cable placed underground	515 linear feet.

Loam bought and spread on plantations	30 cubic yards.
Overhead wires, crossing the Arborway, placed underground	72.

ARNOLD ARBORETUM AND BUSSEY PARK.

Boundary fence built between the Arboretum and Adams Nervine Asylum grounds	1,880 linear feet.
Loam bought and spread on plantations	616 cubic yards.
To drain the Arboretum meadow, 578 linear feet of brick drain, six feet in diameter, have been built on the line of the Goldsmith Brook, between the Arborway and Woodman street.	

FRANKLIN PARK.

Macadam surfacing at stable yard	1,115 square yards.
Gutters paved	183 square yards.
Drinking fountain installed	1.
Water pipe laid (2-inch)	300 linear feet.
Telephone wires put underground	3,210 linear feet.
Drain pipe laid (6-inch)	52 linear feet.
Stationary wooden seats built	110 linear feet.
Loam bought and spread on plantations	9,000 cubic yards.

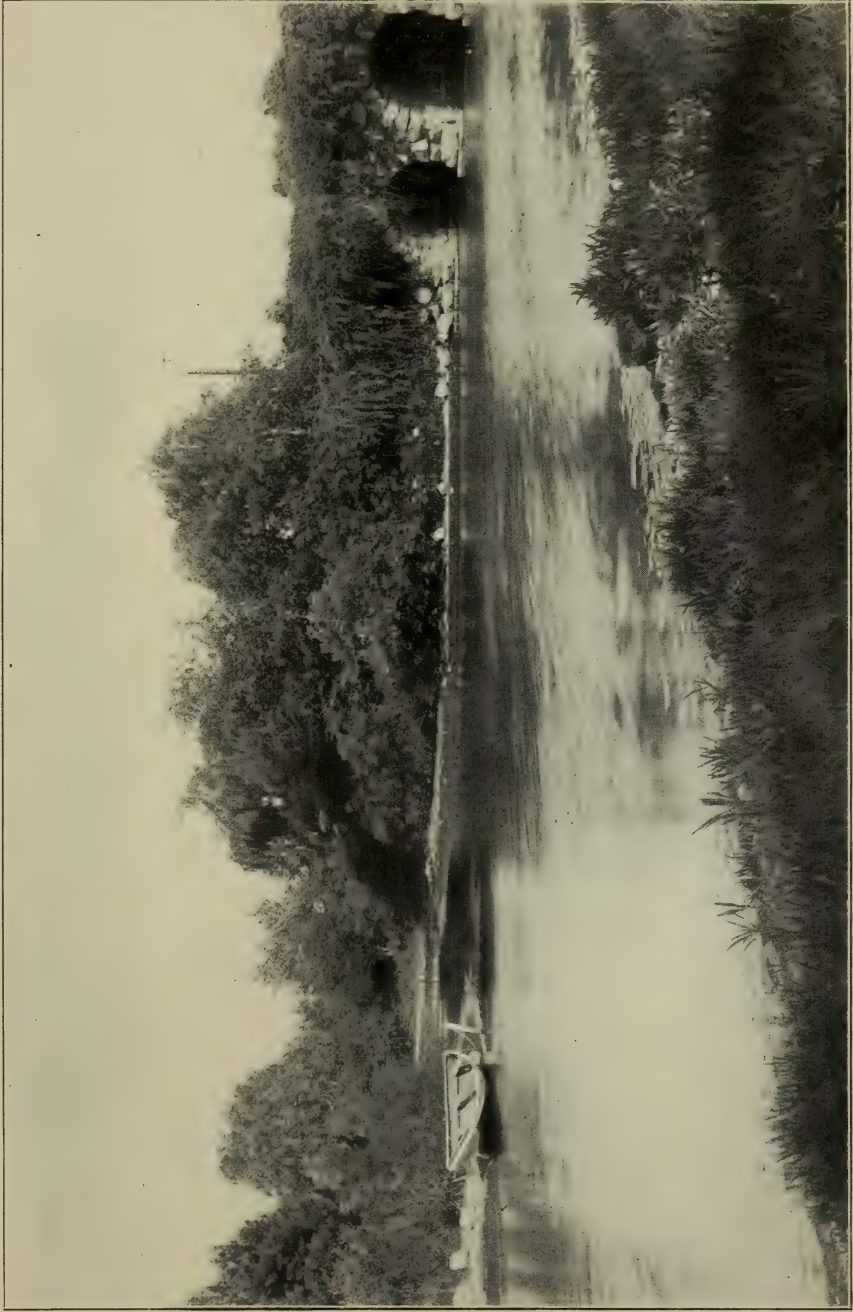
A 12 horse-power gasoline engine, a circular saw, band saw, planer, turning lathe, and mortising machine, also emery wheels and grindstones have been installed at the repair shops.

The cost of watering, cleaning, and ordinary repairs on all the roads and walks in the Fens, Riverway, Olmsted Park, Arborway, Arnold Arboretum and Franklin Park, during the year, has been ten and nine-tenths cents per square yard of macadam surface of drives, or seven and two-tenths cents per square yard of macadam surface if the area of walks is included.

FRANKLIN FIELD.

Drain pipe laid:	
6-inch	775 linear feet.
4-inch tile	2,412 linear feet.
2-inch tile	2,541 linear feet.





THE FENS, SOUTHWESTERLY SIDE OF AGASSIZ BRIDGE.



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Catch-basins built . . . . .	2.
Foundation for boundary wall laid . . . . .	1,800 linear feet.

Considerable work has been done in clearing the upland of boulders.

## DORCHESTER PARK.

Loam bought and spread on plantations . . . . .	125 cubic yards.
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## COLUMBIA ROAD.

Electric lights installed . . . . .	7.
Electric light cable put underground . . . . .	2,200 linear feet.
Telephone wires put underground . . . . .	1,560 linear feet.
Loam bought and spread on plantations . . . . .	238 cubic yards.

The work of construction on this road is in the following condition: Completed, two miles, from Franklin Park to Buttonwood street, excepting about 400 feet at the Midland Division of the New York, New Haven and Hartford railroad. The railroad bridge at this place is under construction, and is to be completed in about two months. Graded, one and four-fifths miles, from Buttonwood street to Q street, excepting a section one-fifth of a mile in length, for which the land has not been taken.

## STRANDWAY.

Iron fence built on sea-wall . . . . .	906 linear feet.
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## MARINE PARK.

Loam bought and spread on plantations . . . . .	700 cubic yards.
15-inch drain pipe laid to connect natural history pools with tide-water . . . . .	210 linear feet.
Channel 5 feet 8 inches deep at mean low water and sixty feet wide, dredged to new boat landing . . . . .	950 linear feet.

## CASTLE ISLAND.

The old Military Hospital building has been removed.

## CHARLESTOWN HEIGHTS.

Tile drain laid, 3-inch . . . . .	800 linear feet.
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## CHARLESTOWN PLAYGROUND.

Area graded . . . . .	2.2 acres.
Water pipe laid, 3-inch . . . . .	110 linear feet.
Drain pipe laid, 8-inch . . . . .	387 linear feet.
Catch-basins and man-holes built . . . . .	2.
Boundary fence built . . . . .	890 linear feet.
Tree spaces excavated and filled with loam . . . . .	1,170 cubic yards.
Old buildings removed . . . . .	6.

## CHARLESBANK.

Stationary wooden seats built . . . . .	560 linear feet.
2-inch tile drain laid . . . . .	870 linear feet.
Iron pipe rail fence built . . . . .	100 linear feet.
Loam bought and spread on plantations . . . . .	870 cubic yards.
Electric light wire placed underground . . . . .	1,500 linear feet.

## PLAYGROUNDS.

## PRINCE STREET PLAYGROUND.

Area graded . . . . .	3,328 square feet.
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## COLUMBUS AVENUE PLAYGROUND.

Area graded . . . . .	4.8 acres.
Drain pipe laid:	
12-inch . . . . .	295 linear feet.
8-inch . . . . .	320 linear feet.
Catch-basins, and man-holes built . . . . .	4
3-inch water pipe laid . . . . .	15 linear feet.
Tree spaces excavated and filled with loam . . . . .	1,850 cubic yards.

## ROGERS PARK PLAYGROUND.

Wooden boundary fence built . . . . .	1,272 linear feet.
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## NORTH BRIGHTON PLAYGROUND.

Drain pipe laid:	
12-inch . . . . .	443 linear feet.
10-inch . . . . .	197 linear feet.



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8-inch . . . . .	1,055 linear feet.
2-inch tile . . . . .	690 linear feet.
3-inch water pipe laid . . . . .	100 linear feet.
Catch-basins and man-holes built . . . . .	8.

## ROSLINDALE PLAYGROUND.

Area graded . . . . .	2.8 acres.
24-inch drain pipe laid . . . . .	500 linear feet.
Gate and overflow chamber built . . . . .	1.
Man-hole built . . . . .	1.
4 ft. by 5 ft. culvert built . . . . .	15 linear feet.
Foundation for retaining wall laid . . . . .	300 linear feet.

## NEPONSET PLAYGROUND.

Loam and filling bought and spread on marsh . . . . .	1,950 cubic yards.
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## CHRISTOPHER GIBSON PLAYGROUND.

Filling bought . . . . .	5,360 cubic yards.
Loam bought and spread on grounds and tree spaces . . . . .	1,336 cubic yards.
Area graded . . . . .	2 acres.
8-inch drain pipe laid . . . . .	60 linear feet.
Catch-basins and man-holes built . . . . .	2.

## SAVIN HILL BEACH.

Filling bought and used in building a dike, to prevent playground from being flooded by the tide, 5,733 cubic yards.  
A three foot, square tide-gate has been placed in the dike.

Respectfully,

C. E. PUTNAM,

*Assistant Engineer.*

## FINANCIAL STATEMENTS.

## I.

*Expenditures for Land, Construction and Maintenance from  
February 1, 1900, to January 31, 1901.*

PARKS.	Page.	Land.	Construc- tion.	Mainte- nance.	Totals.
<b>Main Park System:</b>					
Commonwealth avenue....	30	.....	\$857 92	\$14,837 66	\$15,695 58
Fens .....	30	.....	44,459 37	13,480 52	57,939 89
Riverway .....	31	.....	2,183 64	9,145 71	11,329 35
Olmsted Park .....	32	.....	17,676 88	18,319 56	35,996 44
Arborway .....	33	.....	1,480 72	4,213 76	5,694 48
Arnold Arboretum .....	34	\$27 80	17,005 41	3,840 28	20,873 49
West Roxbury Parkway..	35	17,600 00	1,397 25	775 22	19,772 47
Franklin Park .....	36	.....	39,805 20	56,318 29	96,123 49
<b>Marine Park System:</b>					
Columbia Road .....	37	115,700 00	14,300 00	3,657 46	133,657 46
Dorchesterway .....	37	.....	427 56	349 94	777 50
Strandway .....	38	20,198 36	3,741 75	230 86	24,170 97
Marine Park .....	39	.....	3,032 42	5,957 80	8,990 22
Wood Island Park .....	39	.....	1,457 08	7,515 79	8,972 87
Charlesbank .....	40	.....	2,971 80	9,113 69	12,085 49
Charlestown Heights .....	41	.....	685 33	2,084 80	2,770 13
Charlestown Playground....	41	.....	5,545 23	2,061 87	7,607 10
Dorchester Park .....	42	.....	462 94	439 70	902 64
Franklin Field .....	43	.....	2,625 26	8,025 12	10,650 38
North End Beach .....	43	.....	31 98	66 71	98 69
Copp's Hill Terraces .....	44	.....	.....	267 10	267 10
Chestnut Hill Park .....	44	75 00	72 68	3,362 06	3,509 74
Trinity Triangle .....	44	.....	.....	4 25	4 25
North Brighton Playground.	44	.....	2,704 31	494 26	3,198 57
Neponset Playground .....	45	.....	1,689 35	597 98	2,287 33
Billings Field .....	45	.....	237 57	962 02	1,199 59
First-street Playground .....	46	.....	.....	431 69	431 69
North End Playground .....	46	29,516 54	33 90	251 58	29,802 02
<i>Carried forward .....</i>	.....	\$183,117 70	\$164,885 55	\$166,805 68	\$514,808 93

EXPENDITURES FOR LAND, ETC. — *Concluded.*

PARKS.	Page.	Land.	Construc- tion.	Mainte- nance.	Totals.
<i>Brought forward</i> .....	....	\$183,117 70	\$164,885 55	\$166,805 68	\$514,808 93
Mystic Playground.....	46	.....	877 64	34 52	912 16
Fellows-street Playground..	47	.....	24 23	47 50	71 78
Christopher Gibson Play- ground.....	47	.....	6,123 20	1,673 85	7,797 05
Rogers Park.....	48	.....	1,264 79	571 11	1,835 90
Columbus-avenue Play- ground.....	48	442 00	5,922 89	738 70	7,103 59
Savin Hill Playground.....	49	301 90	3,036 14	425 40	3,763 44
Roslindale Playground.....	50	.....	5,597 31	1,214 28	6,811 59
Forest Hills Playground ....	50	9 00	.....	125 00	134 00
Office expenses.....	50	.....	.....	13,663 96	13,663 96
Totals.....	....	\$183,870 60	\$187,731 75	\$185,300 00	\$556,902 35

## II.

*Expenditures of the Department in detail from February 1, 1900, to January 31, 1901.*

## COMMONWEALTH AVENUE.

## CONSTRUCTION.

*Plantations.*

Labor and materials . . . .	\$717 80
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*Roadways, Gutters and Drainage.*

Gutters: paving . . . .	\$44 74
Roads and walks: labor and materials . . . .	42 48
	<hr/>
	87 22

*Grading, Loam and General Work.*

Engineers: labor . . . .	22 25
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*Electric Lighting.*

Cable . . . . .	16 65
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*Lawns and Woods.*

Labor . . . . .	14 00
	<hr/>
	\$857 92

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$11,633 53
Stable account: equipment and supplies . . . . .	1,638 57
Grounds: labor and materials . . . . .	838 88
General work: materials . . . . .	472 81
Drainage: labor and materials . . . . .	231 37
Engineers: labor . . . . .	22 50
	<hr/>
	14,837 66
	<hr/>
	\$15,695 58

## FENS.

## CONSTRUCTION.

*Sea-wall, Gate-chamber and Filling.*

Amount paid under contract . . . . .	\$40,076 23
Labor and materials . . . . .	375 26
	<hr/>
	\$40,451 49

*Plantations.*

Labor and materials . . . . .	2,602 44
	<hr/>
Amounts carried forward,	\$43,053 93
	<hr/>
	\$15,695 58



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*Amounts brought forward,* \$43,053 93 \$15,695 58

*Grading, Loam and General Work.*

Engineers: labor and materials . . . . .	\$741 65	
General work: labor and materials . . . . .	182 55	
	<hr/>	924 20

*Roadways, Gutters and Drainage.*

Gutters: paving . . . . .	\$266 36	
Drainage: labor . . . . .	44 31	
Roads and walks: labor . . . . .	12 25	
	<hr/>	322 92

*Electric Lighting.*

Cable . . . . .	128 07
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*Lawns and Woods.*

Labor . . . . .	30 25	
	<hr/>	\$44,459 37

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$7,628 45	
Grounds: labor and materials . . . . .	3,420 07	
Stable account: equipment and supplies . . . . .	1,070 56	
Engineers: labor . . . . .	660 50	
General work: labor and materials, . . . . .	352 85	
Drainage: labor and materials . . . . .	266 33	
Buildings: labor and materials . . . . .	58 40	
Live stock: labor and materials . . . . .	23 36	
	<hr/>	13,480 52
		<hr/>
		57,939 89

## RIVERWAY.

## CONSTRUCTION.

*Plantations.*

Labor and materials . . . . .	\$1,587 41
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*Walls.*

Labor and materials . . . . .	207 57
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*Electric Lighting.*

Cable . . . . .	161 40
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*Roadways, Gutters and Drainage.*

Gutters: paving . . . . .	\$123 70	
Drainage: labor . . . . .	12 00	
Roads and walks: labor, . . . . .	8 50	
	<hr/>	144 20

*Amounts carried forward,* \$2,100 58 \$73,635 47

*Amounts brought forward,* \$2,100 58 \$73,635 47

*Grading, Loam and General Work.*

Grading: labor . . .	\$28 00	
Engineers: labor . . .	15 50	
General work: materials,	71	
	<hr/>	44 21

*Fence.*

Materials . . . . .	38 85	
	<hr/>	\$2,183 64

MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks: labor and mate- rials . . . . .	\$3,972 13	
Grounds: labor and materials . .	2,580 89	
Buildings: labor and materials . .	1,513 63	
Stable account: equipment and supplies . . . . .	580 99	
General work: labor and materials	326 20	
Drainage: labor and materials . .	110 37	
Engineers: labor . . . . .	61 50	
	<hr/>	9,145 71
		<hr/> 11,329 35

OLMSTED PARK.

CONSTRUCTION.

*Grading, Loam and General Work.*

Loam: material . . . . .	\$9,269 50	
General work: labor and materials . . . . .	1,329 56	
Grading: labor and ma- terials . . . . .	1,030 57	
Engineers: labor . . . . .	27 75	
	<hr/>	\$11,657 38

*Plantations.*

Labor and materials . . . . .	5,087 27
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*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$557 26	
Drainage: labor and ma- terials . . . . .	41 39	
	<hr/>	598 65

*Electric Lighting.*

Cable . . . . .	265 15
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*Lawns and Woods.*

Labor . . . . .	41 21
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*Boating Service.*

Labor . . . . .	17 22
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<i>Amounts carried forward,</i>	<hr/> \$17,666 88	<hr/> \$84,964 82
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## 33

*Amounts brought forward,*            \$17,666 88                    \$84,964 82

*Water Supply.*

Labor . . . . .	10 00	
	<hr/>	\$17,676 88

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$6,333 43	
Grounds: labor and materials . . . . .	6,177 31	
Buildings: labor and materials . . . . .	2,205 27	
General work: labor and materials . . . . .	1,990 53	
Stable account: equipment and supplies . . . . .	688 37	
Skating: labor and materials . . . . .	511 67	
Drainage: labor and materials . . . . .	296 16	
Engineers: labor . . . . .	99 50	
Boating service: labor and materials . . . . .	17 32	
	<hr/>	18,319 56
		<hr/> 35,996 44

## ARBORWAY.

## CONSTRUCTION.

*Plantations.*

Labor and materials . . . . .	\$806 74
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*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$288 45	
Drainage: labor and materials . . . . .	75 00	
	<hr/>	363 45

*Grading, Loam and General Work.*

General work: labor and materials . . . . .	\$181 13	
Engineers: labor . . . . .	24 50	
Loam: material . . . . .	20 15	
Grading: labor . . . . .	4 75	
	<hr/>	230 53

*Lighting.*

Gas-lamps . . . . .	80 00	
	<hr/>	\$1,480 72

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$2,665 75	
Grounds: labor and materials . . . . .	1,283 63	
Drainage: labor and materials . . . . .	130 13	
	<hr/>	
<i>Amounts carried forward,</i>	\$4,079 51	\$1,480 72    \$120,961 26

<i>Amounts brought forward,</i>	\$4,079 51	\$1,480 72	\$120,961 26
General work: labor and materials,	102 25		
Engineers: labor . . . . .	20 50		
Stable account: equipment and supplies . . . . .	11 50		
	<hr/>	4,213 76	
			5,694 48

## ARNOLD ARBORETUM AND BUSSEY PARK.

## LAND.

Amount paid for land . . . . .	\$27 80
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## CONSTRUCTION.

*Roadways, Gutters, and Drainage.*

Drainage: amount paid under contract . . .	\$9,457 37	
Roads and walks: labor and materials . . .	2,446 90	
Gutters: paving . . .	335 37	
Drainage: labor and materials . . .	196 36	
Drainage: advertising contract . . .	17 75	
	<hr/>	\$12,453 75

*Boundary Walls and Gateways.*

Posts: amount paid under contracts . .	\$1,678 50	
Gates: amount paid under contract . .	935 00	
Walls: amount paid under contracts . .	382 06	
Labor and materials . .	326 36	
Architects' commission on posts and gates . .	261 35	
Fence: labor . . .	189 31	
	<hr/>	3,772 58

*Grading, Loam and General Work.*

Loam: material . . .	\$410 67	
Engineers: labor and materials . . .	174 50	
Grading: labor and materials . . .	80 36	
General work: materials . . .	51 41	
	<hr/>	716 94

*Plantations.*

Labor and materials . . . . .	62 14	
	<hr/>	17,005 41
<i>Amounts carried forward,</i>		\$17,033 21
		\$126,655 74



## 35

*Amounts brought forward,*

\$17,033 21 \$126,655 74

## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$3,034 60		
Stable account: equipment and supplies . . . . .	350 00		
Drainage: labor . . . . .	136 03		
Engineers: labor . . . . .	123 25		
General work: labor and materials . . . . .	89 91		
Grounds: labor and materials . . . . .	80 35		
Live stock: materials . . . . .	26 14		
	<hr/>	3,840 28	
			20,873 49

## WEST ROXBURY PARKWAY.

## LAND.

Amount paid for land . . . . \$17,600 00

## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$828 38	
General work: materials, . . . . .	74 27	
Engineers: materials . . . . .	3 79	
	<hr/>	\$906 44

*Plantations.*

Labor . . . . . 262 97

*Roadways, Gutters and Drainage.*

Drainage: labor . . . . .	\$84 39	
Roads and walks: labor, . . . . .	83 29	
	<hr/>	167 68

*Lawns and Woods.*

Materials . . . . . 51 28

*Walls.*

Labor . . . . . 8 88

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1,397 25

## MAINTENANCE.

*Grounds, Buildings, Drainage and General Work.*

Grounds: labor . . . . .	\$760 53		
Roads and walks: labor . . . . .	6 75		
Drainage: labor . . . . .	4 44		
Engineers: labor . . . . .	3 50		
	<hr/>	775 22	
			19,772 47

*Amount carried forward,*

\$167,301 70

Amount brought forward, \$167,301 70

FRANKLIN PARK.

CONSTRUCTION.

Plantations.

Labor and materials . . . \$14,846 21

Grading, Loam and General Work.

Loam: material . . . \$5,991 25  
General work: labor  
and materials . . . 1,913 93  
Grading: labor and ma-  
terials . . . 1,740 90  
Engineers: labor and  
materials . . . 155 45  

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9,801 53

Roadways, Gutters, and Drainage.

Drainage: labor and ma-  
terials . . . \$3,325 90  
Roads and walks: labor  
and materials . . . 2,006 47  
Gutters: paving . . . 58 75  

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5,391 12

Park Walls and Gateways.

Labor and materials . . \$3,151 18  
Amount paid under con-  
tracts . . . 1,228 94  

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4,380 12

Repair Shops and Storehouse.

Labor and materials . . . 2,772 38

Lawns and Woods.

Labor and materials . . . 1,587 52

Water Supply.

Water-pipes and labor . . . 553 89

Stable Buildings.

Labor and materials . . . 172 11

Electric Lighting.

Cable . . . 145 69

Settees.

Labor and materials . . . 91 51

Fences.

Labor and materials . . . 63 12  

---

\$39,805 20

Amounts carried forward, \$39,805 20 \$167,301 70

## 37

*Amounts brought forward,*

\$39,805 20 \$167,301 70

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Grounds: labor and materials . . . . .	\$19,514 47		
Roads and walks: labor and materials . . . . .	18,445 27		
Stable account: equipment and supplies . . . . .	6,500 67		
Buildings: labor and materials . . . . .	5,732 10		
General work: labor and materials . . . . .	4,312 47		
Drainage: labor and materials . . . . .	728 67		
Live stock: labor and materials . . . . .	683 20		
Engineers: labor . . . . .	375 50		
Skating: labor . . . . .	25 94		
	<hr/>	56,318 29	
			96,123 49

## COLUMBIA ROAD.

## LAND.

Proportion of amount paid by Street Department for land, and expenses chargeable to this department . . . . .	\$115,700 00
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## CONSTRUCTION.

Proportion of amount paid by Street Department for construction, chargeable to this department . . . . .	14,300 00
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## MAINTENANCE.

*Roadways, Grounds, Drainage and General Work.*

Roads and walks: labor and materials . . . . .	\$2,175 70		
Stable account: equipment and supplies . . . . .	1,455 00		
Engineers: labor . . . . .	19 25		
Drainage: materials . . . . .	4 11		
General work: labor and materials . . . . .	3 40		
	<hr/>	3,657 46	
			133,657 46

## DORCHESTERWAY.

## CONSTRUCTION.

*Roadways, Gutters and Drainage.*

Roads and walks: labor and materials . . . . .	\$265 53	
Drainage: labor and materials . . . . .	113 59	
	<hr/>	\$379 12

*Plantations.*

Labor and materials . . . . .	48 44		
	<hr/>	\$427 56	
<i>Amounts carried forward,</i>		\$427 56	\$397,082 65

*Amounts brought forward,*

\$427 56 \$397,082 65

## MAINTENANCE.

*Roadways, Grounds and Drainage.*

Roads and walks: labor and mate- rials . . . . .	\$336 19		
Drainage: labor . . . . .	9 00		
Grounds: labor . . . . .	4 75		
	<hr/>	349 94	
		<hr/>	777 50

## STRANDWAY.

## LAND.

Amount paid for land . . . . .	\$20,098 36		
Expenses . . . . .	100 00		
	<hr/>	\$20,198 36	

## CONSTRUCTION.

*Fence.*

Amount paid under con- tract . . . . .	\$1,713 17		
Materials . . . . .	26 21		
	<hr/>	\$1,739 38	

*Filling.*

Material . . . . .	863 00		
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*Grading, Loam, and General Work.*

Loam : material . . . . .	\$178 60		
Grading: labor . . . . .	74 65		
Engineers: labor and materials . . . . .	63 96		
General work: labor . . . . .	62 47		
	<hr/>	379 68	

*Fountains.*

Labor and materials . . . . .	290 44		
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*Public Landing and Shelter.*

Float and gangway . . . . .	275 00		
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*Electric Lighting.*

Posts and cable . . . . .	178 00		
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*Roadways, Gutters and Drainage.*

Drainage: labor . . . . .	16 25		
	<hr/>	3,741 75	

## MAINTENANCE.

*Roadways, Grounds, Buildings and Drainage.*

Engineers: labor . . . . .	\$200 25		
Grounds: labor and materials . . . . .	15 06		
	<hr/>	\$215 31	
<i>Amounts carried forward,</i>		\$23,940 11	\$397,860 15



## 39

<i>Amounts brought forward,</i>	\$215 31	\$23,940 11	\$397,860 15
Boating Service : labor and materials . . . . .	11 95		
Buildings : materials . . . . .	3 60		
	<hr/>	230 86	
		<hr/>	24,170 97

## MARINE PARK.

## CONSTRUCTION.

*Plantations.*

Labor and materials . . . . .	\$1,399 11
-------------------------------	------------

*Grading, Loam and General Work.*

Loam: material . . . . .	\$523 06	
Grading: labor . . . . .	277 08	
General work: labor and materials . . . . .	14 94	
Engineers : labor . . . . .	11 25	
	<hr/>	826 33

*Roadways, Gutters and Drainage.*

Drainage: labor and materials . . . . .	\$370 50	
Gutters: paving . . . . .	269 38	
Roads and walks: materials . . . . .	60 22	
	<hr/>	700 10

*Settees.*

Labor and materials . . . . .	105 00
-------------------------------	--------

*Fence.*

Materials . . . . .	1 88	
	<hr/>	\$3,032 42

## MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Grounds: labor and materials . . . . .	\$3,134 45	
Roads, and walks: labor and materials . . . . .	1,698 39	
Buildings: labor and materials . . . . .	519 58	
General work: labor and materials . . . . .	300 09	
Engineers: labor . . . . .	201 90	
Castle Island bridge: labor and materials . . . . .	63 17	
Drainage: labor . . . . .	40 22	
	<hr/>	5,957 80
		<hr/>
		8,990 22

## WOOD ISLAND PARK.

## CONSTRUCTION.

*Plantations.*

Labor and materials . . . . .	\$1,215 29
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<i>Amounts carried forward,</i>	\$1,215 29	\$431,021 34
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Amounts brought forward, \$1,215 29 \$431,021 34

*Grading, Loam and General Work.*

Grading: labor . . .	\$108 02	
General work: labor and materials . . .	9 05	
Engineers: labor . . .	3 50	
	<hr/>	120 57

*Settees.*

Materials . . . . .	87 43
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*Roadways, Gutters and Drainage.*

Roads and walks: labor . .	\$21 55
Drainage: materials. . .	7 74
	<hr/>
	29 29

*Tool-house.*

Labor . . . . .	4 50	
	<hr/>	\$1,457 08

MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Men's gymnasium —

Grounds, apparatus and building: labor and materials . . .	\$4,319 84	
Grounds: labor and materials . .	1,646 74	
General work: labor and materials . . . . .	566 83	
Roads and walks: labor and materials . . . . .	440 25	
Skating: labor and materials . .	392 88	
Engineers: labor . . . . .	84 50	
Drainage: labor . . . . .	64 75	
	<hr/>	7,515 79
		<hr/>
		8,972 87

CHARLESBANK.

CONSTRUCTION.

*Plantations.*

Labor and materials . . . . .	\$1,190 81
-------------------------------	------------

*Gymnasium Grounds, Grading, Loam and General Work.*

Loam: materials . . . . .	\$739 64
Women's gymnasium grounds: labor and materials . . . . .	126 62
	<hr/>
	866 26

*Structures.*

Women's gymnasium building: labor and materials . . . . .	662 70
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*Settees.*

Labor . . . . .	241 31
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Amounts carried forward,	\$2,961 08	\$439,994 21
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## 41

*Amounts brought forward,* \$2,961 08 \$439,994 21

*Iron Fence.*

Materials . . . . .	10 72	
	<hr/>	\$2,971 80

## MAINTENANCE.

*Grounds, Walks, Buildings and General Work.*

## Men's gymnasium —

## Grounds, apparatus and building :

labor and materials . . . . .	\$3,749 65
-------------------------------	------------

## Grounds and walks: labor and ma-

terials . . . . .	2,527 82
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## Women's gymnasium —

## Grounds, apparatus and building :

labor and materials . . . . .	2,106 17
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## General work: labor and materials .

423 71
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## Skating: labor and materials .

227 24
--------

## Stable account: equipment and

supplies . . . . .	67 60
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## Drainage: labor . . . . .

8 00
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## Engineers: labor . . . . .

3 50
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<hr/>	9,113 69
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12,085 49

## CHARLESTOWN HEIGHTS.

## CONSTRUCTION.

*Fence.*

Materials . . . . .	\$484 32
---------------------	----------

*Walks, Gutters and Drainage.*

## Drainage: labor and

materials . . . . .	\$134 34
---------------------	----------

## Walks: labor . . . . .

7 00
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<hr/>	141 34
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*Plantations.*

Labor . . . . .	59 67
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<hr/>	\$685 33
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## MAINTENANCE.

*Grounds, Walks, Buildings, Drainage and General Work.*

## Grounds and walks: labor and

materials . . . . .	\$1,558 65
---------------------	------------

## Buildings: labor and materials .

520 42
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## General work: labor and materials

5 73
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<hr/>	2,084 80
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2,770 13

## CHARLESTOWN PLAYGROUND.

## CONSTRUCTION.

*Grading, Loam and General Work.*

## Grading: labor and ma-

terials . . . . .	\$2,384 79
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## Loam: materials . . . . .

1,167 44
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## Engineers: labor . . . . .

42 00
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<hr/>	\$3,594 23
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*Amounts carried forward,*

\$3,594 23

<hr/>	\$454,849 83
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## 42

*Amounts brought forward,* \$3,594 23 \$454,849 83

*Fence.*

Materials . . . . . 1,703 09

*Walks, Gutters and Drainage.*

Drainage: labor and materials . 139 08

*Tool-house.*

Labor and materials . . . . . 94 93

*Plantations.*

Materials . . . . . 9 00

*Water Supply.*

Materials . . . . . 4 90

\$5,545 23

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Grounds and walks: labor and materials . . . . . \$1,503 30

Skating: labor and materials . 419 13

Drainage: labor . . . . . 71 35

General work: labor and materials . 54 09

Engineers: labor and materials . 14 00

2,061 87

7,607 10

## DORCHESTER PARK.

## CONSTRUCTION.

*Walls.*

Labor and materials . . . . . \$207 00

*Grading, Loam and General Work.*

Loam: materials . . . . . \$84 16

Engineers: labor and materials . . . . . 51 28

135 44

*Lawns and Woods.*

Labor and materials . . . . . 120 50

\$462 94

## MAINTENANCE.

*Grounds, Walks, Buildings, Drainage and General Work.*

Grounds and walks: labor . . . . . \$407 48

Buildings: labor and materials . 20 80

Skating: labor . . . . . 8 25

General work: materials . . . . . 2 05

Drainage: labor . . . . . 1 12

439 70

902 64

*Amount carried forward,*

\$463,359 57



## 43

*Amount brought forward,*

\$463,359 57

## FRANKLIN FIELD.

## CONSTRUCTION.

*Walks, Gutters and Drainage.*

Drainage: labor and materials . . .	\$1,688 45	
Walks: materials . . .	8 00	
	<hr/>	\$1,696 45

*Grading, Loam and General Work.*

General work: labor and materials . . .	\$451 39	
Grading: labor . . .	102 60	
Engineers: labor and materials . . .	26 50	
	<hr/>	580 49

*Plantations.*

Labor . . . . .	348 32	
	<hr/>	\$2,625 26

## MAINTENANCE.

*Grounds, Walks, Buildings, Drainage and General Work.*

Grounds and walks: labor and materials . . .	\$3,902 06	
Sheepfold: labor and materials . . .	2,126 24	
Skating: labor and materials . . .	1,201 39	
General work: labor and materials . . .	260 35	
Buildings: labor and materials . . .	164 83	
Engineers: labor . . .	158 50	
Drainage: labor and materials . . .	135 50	
Stable account: equipment and supplies . . . . .	76 25	
	<hr/>	8,025 12
		<hr/>
		10,650 38

## NORTH END BEACH.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor . . . . .	\$22 48	
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*Plantations.*

Labor . . . . .	9 50	
	<hr/>	\$31 98

## MAINTENANCE.

*Grounds, Walks and Buildings.*

Administration Building and Bath		
House: labor and materials . . .	\$40 21	
Grounds: labor and materials . . .	26 50	
	<hr/>	66 71
		<hr/>
		98 69

*Amount carried forward,*

\$474,108 64

Amount brought forward, \$474,108 64

COPP'S HILL TERRACES.

MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Grounds and walks: labor and materials . . .	\$256 10	
Drainage: labor . . . . .	8 00	
Engineers: labor . . . . .	3 00	
	<hr/>	267 10

CHESTNUT HILL PARK.

*Land.*

Expenses . . . . .	\$75 00
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CONSTRUCTION.

*Plantations.*

Labor . . . . .	\$70 18
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*Roadways, Gutters and Drainage.*

Drainage: materials . . . . .	2 50	
	<hr/>	72 68

MAINTENANCE.

*Roadways, Grounds, Buildings, Drainage and General Work.*

Grounds: labor and materials . . .	\$1,663 31	
Roads and walks: labor and materials . . .	1,433 80	
General work: labor and materials, . . .	130 98	
Drainage: labor . . . . .	105 16	
Engineers: labor . . . . .	27 50	
Buildings: materials . . . . .	1 31	
	<hr/>	3,362 06
		3,509 74

TRINITY TRIANGLE.

MAINTENANCE.

*Grounds.*

Labor . . . . .	4 25
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NORTH BRIGHTON PLAYGROUND.

CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor . . . . .	\$1,446 11
Engineers: labor . . . . .	111 36
General work: labor . . . . .	3 00
	<hr/>
	\$1,560 47

*Walks, Gutters and Drainage.*

Drainage: labor and materials . . .	1,123 86	
Amounts carried forward,	\$2,684 33	\$477,889 73



*Amounts brought forward,*

\$237 57 \$483,375 63

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Skating : labor and materials . . . . .	\$505 09		
Grounds and walks : labor and materials . . . . .	308 04		
Drainage : labor . . . . .	109 46		
General work : labor and materials . . . . .	17 43		
Stable account : equipments and supplies . . . . .	17 25		
Engineers : labor . . . . .	4 75		
	<hr/>	962 02	
			1,199 59

## FIRST-STREET PLAYGROUND.

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Grounds and walks : labor and materials . . . . .	\$288 50		
Skating : labor and materials . . . . .	143 19		
	<hr/>		431 69

## NORTH-END PLAYGROUND.

## LAND.

Amount paid for land . . . . .	\$29,516 54		
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## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading : labor and materials . . . . .	\$24 90		
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*Plantations.*

Materials . . . . .	9 00		
	<hr/>	33 90	

## MAINTENANCE.

*Grounds and Walks.*

Labor and materials . . . . .	251 58		
	<hr/>		29,802 02

## MYSTIC PLAYGROUND.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Loam : materials . . . . .	\$541 67		
Grading : labor . . . . .	159 63		
	<hr/>	\$701 30	

*Plantations.*

Labor . . . . .	158 34		
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*Fence.*

Materials . . . . .	18 00		
	<hr/>	\$877 64	

*Amounts carried forward,*

\$877 64 \$514,808 93



## 47

*Amounts brought forward,* \$877 64 \$514,808 93

## MAINTENANCE.

*Grounds and Walks.*

Grounds : labor and materials . . . . .	34 52	
	<hr/>	912 16

## FELLOWS-STREET PLAYGROUND.

## CONSTRUCTION.

*Plantations.*

Labor and materials. . . . .	\$24 23
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## MAINTENANCE.

*Grounds and Walks.*

Grounds : labor . . . . .	\$34 50	
Engineers : labor . . . . .	13 00	
	<hr/>	47 50
		<hr/>
		71 73

## CHRISTOPHER GIBSON PLAYGROUND.

## CONSTRUCTION.

*Locker and Lavatory Building.*

Amount paid under con-	
tract for building . . . . .	\$1,733 00
Amount paid under con-	
tract for plumbing . . . . .	982 63
Labor and materials . . . . .	400 92
	<hr/>
	\$3,116 55

*Grading, Loam and General Work.*

Loam : materials . . . . .	\$877 85	
Grading : labor and ma-		
terials. . . . .	792 94	
Engineers : labor and		
materials . . . . .	12 25	
	<hr/>	1,683 04

*Filling.*

Material . . . . .	1,215 94
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*Plantations.*

Labor and materials. . . . .	90 92
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*Water Supply.*

Material . . . . .	10 00
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*Walks and Drainage.*

Drainage: materials . . . . .	6 75	
	<hr/>	\$6,123 20

<i>Amounts carried forward,</i>	\$6,123 20	\$515,792 82
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*Amounts brought forward,*

\$6,123 20 \$515,792 82

## MAINTENANCE.

*Grounds, Walks, Buildings, Drainage and General Work.*

Grounds and walks: labor and materials . . . . .	\$851 73		
Buildings: labor . . . . .	358 28		
Skating: labor and materials . . . . .	225 84		
General work: labor and materials . . . . .	118 88		
Drainage: labor . . . . .	80 12		
Engineers: labor . . . . .	39 00		
	<hr/>	1,673 85	
			7,797 05

## ROGERS PARK.

## CONSTRUCTION.

*Fence.*

Labor and materials . . . . .	\$563 03
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*Walks and Drainage.*

Drainage: labor and materials . . . . .	528 01
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*Plantations.*

Labor . . . . .	95 58
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*Grading, Loam and General Work.*

General work: materials . . . . .	\$45 00		
Engineers: labor . . . . .	24 50		
Grading: labor . . . . .	8 67		
	<hr/>	78 17	
		<hr/>	\$1,264 79

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Grounds and walks: labor and materials . . . . .	\$362 26		
General work: labor and materials . . . . .	115 10		
Engineers: labor . . . . .	78 00		
Skating: labor . . . . .	13 75		
Drainage: labor . . . . .	2 00		
	<hr/>	571 11	
		<hr/>	1,835 90

## COLUMBUS AVENUE PLAYGROUND.

## LAND.

Amount paid for land . . . . .	\$327 50		
Expenses . . . . .	114 50		
	<hr/>	\$442 00	
<i>Amounts carried forward,</i>		<hr/>	\$442 00 \$525,425 77

## 49

Amounts brought forward, \$442 00 \$525,425 77

## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor and materials . . .	\$3,754 94	
Loam: materials . . .	1,230 64	
General work: materials, . . .	50 62	
Engineers: labor . . .	44 00	
	<hr/>	\$5,080 20

*Walks and Drainage.*

Drainage: labor and materials . . .	791 01
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*Plantations.*

Labor and materials . . . . .	51 68	
	<hr/>	5,922 89

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Grounds and walks: labor and materials . . . . .	\$503 05	
Skating: labor and materials . . . . .	218 80	
Drainage: labor . . . . .	8 50	
General work: labor and materials . . . . .	8 35	
	<hr/>	738 70
		<hr/>
		7,103 59

## SAVIN HILL PLAYGROUND.

## LAND.

Expenses . . . . .	\$301 90
--------------------	----------

## CONSTRUCTION.

*Filling.*

Material . . . . .	\$2,269 90
--------------------	------------

*Grading, Loam, and General Work.*

Grading: labor and materials . . . . .	\$613 49	
Engineers: labor . . . . .	7 00	
	<hr/>	620 49

*Walks and Drainage.*

Drainage: labor . . . . .	145 75	
	<hr/>	3,036 14

## MAINTENANCE.

*Grounds, Walks, Drainage, and General Work.*

Grounds: labor and materials . . . . .	\$405 13	
Drainage: labor . . . . .	15 64	
General work: labor . . . . .	4 63	
	<hr/>	425 40
		<hr/>
		3,763 44

Amount carried forward,	\$536,292 80
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Amount brought forward,

\$536,292 80

## ROSLINDALE PLAYGROUND.

## CONSTRUCTION.

*Grading, Loam and General Work.*

Grading: labor and materials . . . . .	\$3,795 21	
Engineers: labor and materials . . . . .	251 92	
General work: materials . . . . .	5 62	
	<hr/>	\$4,052 75

*Walks and Drainage.*

Drainage: labor and materials . . . . .	1,302 56	
---	----------	--

*Walls.*

Labor . . . . .	226 00	
-----------------	--------	--

*Plantations.*

Labor . . . . .	16 00	
	<hr/>	\$5,597 31

## MAINTENANCE.

*Grounds, Walks, Drainage and General Work.*

Grounds: labor and materials . . . . .	\$965 20	
Skating: labor and materials . . . . .	184 34	
Drainage: labor . . . . .	50 11	
Walls: labor . . . . .	8 88	
General work: labor and materials, . . . . .	5 75	
	<hr/>	1,214 28
		<hr/>
		6,811 59

## FOREST HILLS PLAYGROUND.

## LAND.

Expenses . . . . .	\$9 00	
--------------------	--------	--

## MAINTENANCE.

*Grounds, Walks and Drainage.*

Grounds: materials . . . . .	125 00	
	<hr/>	134 00

## OFFICE EXPENSES.

## MAINTENANCE.

Salaries . . . . .	\$7,638 00	
Counsel fees: Park Investigation . . . . .	3,850 00	
Printing . . . . .	688 74	
Telephones and expenses . . . . .	541 56	
Carriage-hire . . . . .	449 00	
Office library . . . . .	297 25	
Stationery . . . . .	107 33	
Travelling expenses . . . . .	92 08	
	<hr/>	13,663 96
		<hr/>
		\$556,902 35



## III.

## General Exhibit of Appropriations, 1900-1901.

OBJECTS OF APPROPRIATION.	Page	Balances	Appropriations	Total Credits.	Expenditures,	Balances
		January 31, 1900.	and Transfers, 1900-1901.		1900-1901.	January 31, 1901.
Public Parks, Land and Construction.....	52	\$167,880 00	\$100,000 00	\$267,880 00	\$178,206 56	\$89,613 44
North Brighton Playground.....	52	6,158 70	.....	6,158 70	2,704 31	3,454 39
Mystic Playground.....	52	659 65	.....	659 65	659 65	.....
Fellows-street Playground.....	52	389 57	.....	389 57	24 23	365 34
Christopher Gibson Playground.....	53	3,080 45	.....	3,080 45	3,080 45	.....
Rogers Park.....	53	1,264 79	.....	1,264 79	1,264 79	.....
Chestnut Hill Park.....	53	92,309 60	.....	92,309 60	75 00	92,234 60
Land for Playgrounds.....	53	257 92	.....	257 92	.....	.....
Playgrounds.....	53	80,001 01	100,000 00	180,001 01	30,269 44	149,731 57
Playgrounds, Construction.....	53	.....	25,000 00	25,000 00	.....	.....
Gymnasium, Ward 10.....	54	3,500 00	.....	3,500 00	.....	3,500 00
Speedway, Franklin Field.....	54	.....	25,000 00	25,000 00	.....	25,000 00
Columbia Road.....	54	.....	130,000 00	130,000 00	.....	.....
Park Department, Maintenance.....	54	.....	181,300 00	185,300 00	130,000 00	.....
		.....	4,000 00 }	185,300 00	185,300 00	.....
		\$355,501 69	\$565,300 00	\$920,801 69	\$556,302 35	\$363,890 34

## IV.

*Appropriations and Balances in Detail for the Financial Year 1900-1901.*

## PUBLIC PARKS.

Balance unexpended January 31, 1900 . . . . .	\$167.880 00
Loan issued July 31, 1900 . . . . .	25.000 00
Loan authorized January 5, 1901, but not issued. . . . .	75.000 00
	<u>\$267.880 00</u>

*Expenditures.*

Commonwealth Avenue . . . . .	\$857 92
Fens . . . . .	44.459 37
Riverway . . . . .	2.183 64
Olmsted Park . . . . .	17.676 88
Arborway . . . . .	1.480 72
Arnold Arboretum and Bussey Park . . . . .	17.033 21
West Roxbury Parkway . . . . .	18.997 25
Franklin Park . . . . .	39.805 20
Dorchesterway . . . . .	427 56
Strandway . . . . .	23.940 11
Marine Park . . . . .	3.032 42
Wood Island Park . . . . .	1.457 08
Charlesbank . . . . .	2.971 80
Charlestown Heights . . . . .	685 33
Charlestown Playground . . . . .	1.836 02
Dorchester Park . . . . .	462 94
Franklin Field . . . . .	854 45
Public Park, North End . . . . .	31 98
Chestnut Hill Park . . . . .	72 68
Balance unexpended January 31, 1901 . . . . .	89.613 44
	<u>\$267.880 00</u>

## NORTH BRIGHTON PLAYGROUND.

Balance unexpended January 31, 1900 . . . . .	<u>\$6.158 70</u>
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*Expenditures.*

Paid on account of construction . . . . .	\$2.704 31
Balance unexpended January 31, 1901 . . . . .	3.454 39
	<u>\$6.158 70</u>

## MYSTIC PLAYGROUND.

Balance unexpended January 31, 1900 . . . . .	<u>\$659 65</u>
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*Expenditures.*

Paid on account of construction . . . . .	<u>\$659 65</u>
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## FELLOWS-STREET PLAYGROUND.

Balance unexpended January 31, 1900 . . . . .	<u>\$389 57</u>
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*Expenditures.*

Paid on account of construction . . . . .	\$24 23
Balance unexpended January 31, 1901 . . . . .	365 34
	<u>\$389 57</u>

## CHRISTOPHER GIBSON PLAYGROUND.

Balance unexpended January 31, 1900 . . . . .	\$3,080 45
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*Expenditures.*

Paid on account of construction . . . . .	\$3,080 45
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## ROGERS PARK.

Balance unexpended January 31, 1900 . . . . .	\$1,264 79
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*Expenditures.*

Paid on account of construction . . . . .	\$1,264 79
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## CHESTNUT HILL PARK.

Balance unexpended January 31, 1900 . . . . .	\$17,309 60
Loan authorized under Chap. 274, Acts of 1899, but not issued . . . . .	75,000 00
	<u>\$92,309 60</u>

*Expenditures.*

Paid on account of land . . . . .	\$75 00
Balance unexpended . . . . .	92,234 60
	<u>\$92,309 60</u>

## LAND FOR PLAYGROUNDS, EXECUTIONS, ETC.

Balance unexpended January 31, 1900 . . . . .	\$257 92
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*Expenditures.*

Neponset Playground . . . . .	\$119 01
Roslindale Playground . . . . .	138 91
	<u>\$257 92</u>

PLAYGROUNDS. (*Land.*)

Balance unexpended January 31, 1900 . . . . .	\$80,001 01
Loan authorized under Chap. 412, Acts of 1898, but not issued . . . . .	100,000 00
	<u>\$180,001 01</u>

## EXPENDITURES.

Columbus avenue Playground . . . . .	\$442 00
Savin Hill Playground . . . . .	301 90
North End Playground . . . . .	29,516 54
Forest Hills Playground . . . . .	9 00
Balance unexpended January 31, 1901 . . . . .	149,731 57
	<u>\$180,001 01</u>

## PLAYGROUNDS CONSTRUCTION.

Amount appropriated under loan order approved by the Mayor, July 31, 1900 . . . . .	\$25,000 00
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## EXPENDITURES.

Columbus avenue Playground . . . . .	\$5,922 89	
Roslindale Playground . . . . .	5,458 40	
Charlestown Playground . . . . .	3,709 21	
Christopher Gibson Playground . . . . .	3,042 75	
Savin Hill Playground . . . . .	3,036 14	
Franklin Field . . . . .	1,770 81	
Neponset Playground . . . . .	1,570 34	
Billings Field . . . . .	237 57	
Mystic Playground . . . . .	217 99	
North End Playground . . . . .	33 90	
		<u>\$25,000 00</u>

## GYMNASIUM, WARD 10.

Amount appropriated under general loan order dated October 1, 1897 . . . . .	<u>\$3,500 00</u>
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## EXPENDITURES.

Balance unexpended January 31, 1901 . . . . .	<u>\$3,500 00</u>
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## SPEEDWAY, FRANKLIN FIELD.

Amount appropriated under loan order approved by the Mayor, January 5, 1901 . . . . .	<u>\$25,000 00</u>
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## EXPENDITURES.

Balance unexpended January 31, 1901 . . . . .	<u>\$25,000 00</u>
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## COLUMBIA ROAD.

Proportion of highway loan issued as Public Park Loan, in year 1900, under Chap. 319, Acts of 1897 . . . . .	<u>\$130,000 00</u>
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## EXPENDITURES.

Paid on account of land . . . . .	\$115,700 00	
Paid on account of construction . . . . .	14,300 00	
		<u>\$130,000 00</u>

## PARK DEPARTMENT.

## MAINTENANCE.

Appropriation for financial year 1900-1901 . . . . .	\$181,300 00	
Amount contributed by abutters, Common- wealth avenue . . . . .	4,000 00	
		<u>\$185,300 00</u>

## EXPENDITURES.

Paid on account of maintenance as per Exhibit, page 29 . . . . .	<u>\$185,300 00</u>
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## INCOME.

*Receipts.*

Received from rents, sale of buildings, wool, sheep, grass, wood, etc. . . . .	<u>\$2,051 04</u>
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*Payments.*

Income carried to General City Income . . . . .	<u>\$2,051 04</u>
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## V.

*Summary of Expenditures on Account of Park and Play-ground Construction from the Organization of the Board, October 8, 1875, to January 31, 1901.*

## MAIN PARK SYSTEM.

## COMMONWEALTH AVENUE.

Roadways, sidewalks, gutters and drainage . . . . .	\$84,422 21	
Plantations . . . . .	12,693 59	
Electric lighting . . . . .	5,690 65	
Lawns and woods, grading, loam, and general work . . . . .	3,167 45	
Machinery, tools, etc. . . . .	884 90	
Settees and signs . . . . .	458 41	
Plans and designs . . . . .	22 90	
		<hr/>
		\$107,840 11

## FENS.

Filling . . . . .	\$576,811 15	
Excavating, lawns and woods, grading, loam and general work . . . . .	548,852 29	
Roadways, sidewalks, gutters and drainage . . . . .	354,456 58	
Retaining walls, curb and fence . . . . .	118,177 77	
Plantations . . . . .	92,085 00	
Boylston bridge . . . . .	92,011 43	
Charlesgate bridge . . . . .	65,287 67	
Agassiz bridge . . . . .	52,013 50	
Sea-wall, gate-chamber and filling . . . . .	48,442 99	
Stony brook bridge . . . . .	40,007 11	
Railroad bridge . . . . .	39,995 04	
Fen bridge . . . . .	29,427 80	
Plans, designs and superintendence . . . . .	27,280 28	
Machinery, tools, etc. . . . .	14,188 99	
Office and general expenses . . . . .	14,114 92	
Electric lighting . . . . .	7,015 30	
Surveying . . . . .	5,472 16	
Stony brook channel and gate-house . . . . .	2,181 28	
Water supplies, settees and live stock . . . . .	1,766 70	
Duck-house . . . . .	350 00	
Boating-service . . . . .	306 04	
		<hr/>
		2,180,244 00

## RIVERWAY.

Excavating, lawns and woods, grading, loam and general work . . . . .	\$193,250 43	
Filling . . . . .	104,143 90	
Roadways, sidewalks, gutters and drainage . . . . .	100,255 37	
Longwood avenue bridge . . . . .	66,925 90	
Audubon bridge . . . . .	39,654 27	
Bridle-path bridge . . . . .	32,929 09	
		<hr/>

*Amounts carried forward*

\$537,158 96 \$2,237,584 11

<i>Amounts brought forward,</i>	\$537,158 96	\$2,237,584 11
Plantations . . . . .	27,632 05	
Administration building . . . . .	27,005 12	
Foot-bridges and culverts . . . . .	14,345 00	
Tremont street bridge . . . . .	13,273 53	
Brookline avenue bridge . . . . .	8,936 82	
Retaining walls . . . . .	8,852 06	
Bellevue street bridge . . . . .	8,163 96	
Surveys, plans, designs and superintendence . . . . .	7,196 67	
Shelter . . . . .	4,513 65	
Electric lighting . . . . .	2,895 97	
Water supply, settees and fence . . . . .	2,261 31	
Machinery, tools, etc. . . . .	468 75	
Boating-service . . . . .	181 21	
Gate-house . . . . .	105 15	
	<hr/>	662,990 21

## OLMSTED PARK.

Excavating, lawns and woods, grading, loam and general work . . . . .	\$336,853 71	
Roadways, sidewalks, gutters and drainage . . . . .	145,955 12	
Retaining-walls, steps and culverts . . . . .	67,285 21	
Plantations . . . . .	63,439 53	
Pine bank-house and horse-sheds . . . . .	32,774 10	
Electric lighting . . . . .	10,484 39	
Surveys, plans, designs and superintendence . . . . .	10,368 43	
Leverett pond bridge . . . . .	9,850 59	
Water supply, fountains and settees . . . . .	9,022 67	
Foot-bridges and culverts . . . . .	6,843 46	
Machinery, tools, etc. . . . .	6,167 55	
Boating-service . . . . .	1,598 74	
Iron railing and fence . . . . .	1,163 63	
Gate-house . . . . .	80 73	
Filling . . . . .	15 75	
	<hr/>	701,903 61

## ARBORWAY.

Roadways, sidewalks, gutters and drainage . . . . .	\$170,061 87	
Lawns and woods, grading grounds, loam and general work . . . . .	89,134 94	
Arches . . . . .	64 631 57	
Plantations . . . . .	18,705 45	
Water supply and settees . . . . .	10,467 49	
Culverts . . . . .	5,489 53	
Walls . . . . .	5,063 52	
Stony brook bridge . . . . .	4,503 43	
Electric lighting . . . . .	3,450 50	
Filling . . . . .	2,819 16	
Machinery, tools, etc. . . . .	2,360 62	
Plans and designs . . . . .	281 94	
Gas-lamps . . . . .	80 00	
	<hr/>	377,050 02

## ARNOLD ARBORETUM AND BUSSEY PARK.

Roadways, sidewalks, gutters and drainage . . . . .	\$309,671 01	
Lawns and woods, grading, loam and general work . . . . .	31,808 69	
Boundary walls and gateways . . . . .	30,835 18	
	<hr/>	
<i>Amounts carried forward,</i>	\$372,314 88	\$3,979,527 95

## 57

<i>Amounts brought forward,</i>	\$372,314 88	\$3,979,527 95
Machinery, tools, etc. . . . .	3,607 23	
Plans, designs and superintendence . . . . .	1,652 47	
Plantations . . . . .	1,107 15	
Water supply and settees . . . . .	514 20	
Surveying . . . . .	100 00	
	<hr/>	379,295 93

## WEST ROXBURY PARKWAY.

Lawns and woods, grading grounds, loam and general work . . . . .	\$12,581 89	
Roadways, gutters and drainage . . . . .	4,461 70	
Plantations . . . . .	2,486 35	
Plans, designs and superintendence . . . . .	577 01	
Walls . . . . .	12 88	
	<hr/>	20,119 83

## FRANKLIN PARK.

Roadways, sidewalks and gutters . . . . .	\$807,239 61	
Lawns and woods, grading grounds, loam and general work . . . . .	556,677 29	
Plantations . . . . .	206,038 09	
Refectory building . . . . .	109,793 15	
Park wall and gateways . . . . .	89,881 56	
Seaver-street improvement . . . . .	84,817 75	
Shelter and Overlook . . . . .	60,561 54	
Forest Hills bridge . . . . .	52,972 17	
Scarboro' Pond . . . . .	40,943 11	
Arbor, Schoolmaster's Hill . . . . .	29,514 11	
Plans, designs and superintendence . . . . .	28,343 95	
Reservoir . . . . .	27,634 39	
Scarboro' Pond bridges . . . . .	26,703 10	
Water supply, fountains and settees . . . . .	26,366 56	
Stable building, repair shops and store-house . . . . .	26,254 39	
Ellicott Arch . . . . .	16,732 21	
Pergola wall, steps and terrace . . . . .	16,244 30	
Carriage-sheds . . . . .	15,510 98	
Ellicott House . . . . .	14,922 87	
Ellicottdale . . . . .	12,542 94	
Machinery, tools, etc. . . . .	12,413 15	
Temporary buildings and structures . . . . .	12,299 11	
Playstead . . . . .	10,399 76	
Propagating-house . . . . .	8,205 55	
Electric lighting . . . . .	6,182 09	
Terrace wall . . . . .	3,956 05	
Concourse, Scarboro' Hill . . . . .	3,569 80	
Culverts . . . . .	3,129 34	
Carriage shelter . . . . .	2,694 70	
Fences . . . . .	1,535 36	
Boating-service . . . . .	51 16	
	<hr/>	2,314,130 14

## MARINE PARK SYSTEM.

## COLUMBIA ROAD.

Construction by Street Department . . . . .	225,000 00
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## DORCHESTERWAY.

Roadways, sidewalks, gutters and drainage . . . . .	\$31,539 85	
Filling . . . . .	21,821 82	
<i>Amounts carried forward,</i>	\$53,361 67	\$6,918,073 85

<i>Amounts brought forward,</i>	\$53,361 67	\$6,918,073 85
Grading loam and general work . . . . .	9,564 09	
Plans, designs and superintendence . . . . .	1,317 24	
Culverts . . . . .	653 00	
Plantations . . . . .	156 56	
	<hr/>	

65,052 56

## STRANDWAY.

Sea-wall and grading . . . . .	\$129,578 38
Filling . . . . .	104,657 72
Lawns and woods, grading, loam and general work . . . . .	29,599 52
Public landing and shelter . . . . .	15,013 13
Drainage . . . . .	4,524 23
Fence . . . . .	1,739 38
Plans, designs and superintendence . . . . .	479 77
Fountains . . . . .	290 44
Electric lighting . . . . .	178 00
Culverts . . . . .	60 50
Plantations . . . . .	18 80
	<hr/>

286,139 87

## MARINE PARK.

Filling, lawns and woods, grading, loam and general work . . . . .	\$581,701 01
Iron pier and railing . . . . .	175,571 99
Head-house . . . . .	110,836 13
Pier-head . . . . .	67,232 97
Structures, temporary pier, and gas-lights . . . . .	43,829 05
Roadways, sidewalks, gutters and drainage . . . . .	41,151 21
Plantations . . . . .	11,650 63
Bulkhead . . . . .	4,996 00
Plans, designs and superintendence . . . . .	3,870 46
Electric lighting . . . . .	2,453 04
Water supply, settees and fence . . . . .	2,206 76
Dredging . . . . .	1,114 20
Boating-service . . . . .	1,023 61
Machinery, tools and implements . . . . .	38 00
	<hr/>

1,047,675 06

## CASTLE ISLAND.

Temporary buildings and structures . . . . .	\$25,588 70
Clearing, grading grounds and drainage . . . . .	3,837 98
Water supply, settees and tent . . . . .	2,050 10
Plantations . . . . .	486 98
Shelter . . . . .	100 00
	<hr/>

32,063 76

## WOOD ISLAND PARK

Lawns and woods, grading, loam and general work . . . . .	\$103,349 08
Neptune bridge . . . . .	32,320 63
Filling . . . . .	29,852 82
Field-house . . . . .	20,283 89
Plantations . . . . .	15,335 03
Roads, walks, gutters and drainage . . . . .	14,727 24
Bath-house . . . . .	9,880 66
Gymnasium grounds, apparatus and playground . . . . .	7,280 92
Foot-bridge and culverts . . . . .	3,551 90
	<hr/>

*Amounts carried forward,* \$236,582 17 \$8,349,005 10



<i>Amounts brought forward,</i>	\$236,582 17	\$8,349,005 10
Iron fence and frame . . . . .	3,039 99	
Water supply and settees . . . . .	2,540 11	
Electric lighting . . . . .	2,163 53	
Plans, designs and superintendence . . . . .	1,688 03	
Tool-house . . . . .	217 59	
Machinery, tools and implements . . . . .	42 80	
	<hr/>	246,274 22

## CHARLESBANK.

Sea-wall and filling . . . . .	\$176,353 90	
Gymnasium grounds, apparatus, filling, loam and general work . . . . .	53,311 22	
Men's Lavatory building . . . . .	23,250 53	
Women's Lavatory building and children's shelter . . . . .	18,351 88	
Plantations . . . . .	14,214 48	
Walks and drainage . . . . .	11,769 27	
Iron railing, fence and gas-lights . . . . .	10,024 55	
Plans, designs and superintendence . . . . .	2,076 27	
Water supply and settees . . . . .	1,072 72	
Damages . . . . .	972 51	
Machinery, tools, etc. . . . .	56 00	
	<hr/>	311,453 33

## CHARLESTOWN HEIGHTS.

Grading, lawns and woods, filling, loam and general work . . . . .	\$32,929 25	
Shelter building . . . . .	27,240 32	
Retaining wall . . . . .	18,838 98	
Sidewalks, gutters and drainage . . . . .	8,372 09	
Plantations . . . . .	7,927 58	
Steps . . . . .	3,971 42	
Plans, designs and superintendence . . . . .	1,430 59	
Water supply, settees, fountains and flag-staff . . . . .	486 51	
Fence . . . . .	484 32	
Electric lighting . . . . .	334 00	
	<hr/>	102,015 06

## CHARLESTOWN PLAYGROUND.

Grading, loam and general work . . . . .	\$12,583 94	
Fence . . . . .	1,703 09	
Plantations . . . . .	484 60	
Plans, designs and superintendence . . . . .	204 99	
Walks and drainage . . . . .	148 86	
Tool-house . . . . .	94 93	
Water supply . . . . .	4 90	
	<hr/>	15,225 31

## DORCHESTER PARK.

Grading, lawns and woods, loam and general work . . . . .	\$4,469 13	
Walls . . . . .	3,623 82	
Shelter . . . . .	963 32	
Plans, designs and superintendence . . . . .	797 40	
Temporary structures . . . . .	774 95	
	<hr/>	
<i>Amounts carried forward,</i>	\$10,628 62	\$9,023,973 02

<i>Amounts brought forward,</i>	\$10,628 62	\$9,023,973 02
Water supply . . . . .	105 53	
Plantations . . . . .	38 03	
Walks and drainage . . . . .	4 48	
	<hr/>	10,776 66

FRANKLIN FIELD.

Grading, lawns and woods, loam and general work . . . . .	\$32,808 09	
Walks, gutters and drainage . . . . .	28,612 93	
Plantations . . . . .	12,590 99	
Buildings . . . . .	6,744 98	
Fence, flagstaff and wall . . . . .	1,412 97	
Plans, designs and superintendence . . . . .	815 06	
Machinery, tools, etc. . . . .	480 55	
Water supply . . . . .	46 89	
	<hr/>	83,512 46

NORTH END BEACH.

Clearing, grading, loam, and general work . . . . .	\$61,046 79	
Administration Building and Women's bath-house . . . . .	42,683 16	
Piers . . . . .	31,823 84	
Men's bath-house . . . . .	13,052 97	
Walls . . . . .	8,422 73	
Iron railing . . . . .	3,698 88	
Walks and drainage . . . . .	1,946 63	
Filling . . . . .	1,302 04	
Plans, designs and superintendence . . . . .	1,189 14	
Boating-service . . . . .	578 32	
Band-stand . . . . .	571 44	
Electric lighting . . . . .	407 00	
Water supply, settees and fence . . . . .	346 50	
Boring . . . . .	224 62	
Temporary building . . . . .	33 73	
Plantations . . . . .	17 00	
	<hr/>	167,344 79

COPP'S HILL TERRACES.

Walls, drainage, grading, loam, and general work . . . . .	\$29,771 52	
Fences . . . . .	1,225 68	
Plantations . . . . .	405 00	
Electric lighting . . . . .	245 25	
Plans, designs and superintendence . . . . .	110 83	
Sidewalks . . . . .	90 58	
	<hr/>	31,848 86

CHESTNUT HILL PARK.

Plantations . . . . .	\$1,230 22	
Grading, lawns and woods, loam and general work . . . . .	197 67	
Roadways, gutters and drainage . . . . .	160 00	
Fence . . . . .	31 74	
	<hr/>	1,619 63

<i>Amount carried forward,</i>	\$9,319,075 42
--------------------------------	----------------

*Amount brought forward,*

\$9,319,075 42

## NORTH BRIGHTON PLAYGROUND.

Grading, loam and general work . . . . .	\$3,804 85	
Filling . . . . .	1,907 83	
Walks, gutters and drainage . . . . .	1,316 22	
Plantations . . . . .	19 98	
	<hr/>	7,048 88

## NEPONSET PLAYGROUND.

Filling . . . . .	\$5,026 78	
Grading, loam and general work . . . . .	2,651 64	
Walks and drainage . . . . .	2,566 14	
Bulkhead . . . . .	553 10	
Plans and designs . . . . .	239 21	
Water supply . . . . .	152 48	
	<hr/>	11,189 35

## BILLINGS FIELD.

Filling . . . . .	\$3,386 06	
Lawns and woods, grading, loam and general work . . . . .	1,822 36	
Walks and drainage . . . . .	1,289 78	
Plans and designs . . . . .	239 37	
	<hr/>	6,737 57

## FIRST STREET PLAYGROUND.

Grading, loam and general work . . . . .	\$5,320 40	
Gutters and drainage . . . . .	2,272 41	
Filling . . . . .	987 28	
Water supply . . . . .	912 96	
Plantations . . . . .	61 80	
	<hr/>	9,554 85

## NORTH END PLAYGROUND.

Grading, loam and general work . . . . .	\$24 90	
Plantations . . . . .	9 00	
	<hr/>	33 90

## MYSTIC PLAYGROUND.

Fence . . . . .	\$817 65	
Grading, loam and general work . . . . .	742 00	
Plantations . . . . .	158 34	
	<hr/>	1,717 99

## FELLOWS STREET PLAYGROUND.

Settees and fence . . . . .	\$584 93	
Filling . . . . .	496 28	
Grading and general work . . . . .	25 50	
Plantations . . . . .	24 23	
	<hr/>	1,130 94

## CHRISTOPHER GIBSON PLAYGROUND.

Lavatory building . . . . .	\$6,111 20	
Grading, loam and general work . . . . .	2,304 84	
Filling . . . . .	1,515 04	
	<hr/>	

*Amounts carried forward,*

\$9,931 08 \$9,356,488 90

<i>Amounts brought forward,</i>	\$9,931 08	\$9,356,488 90
Plantations . . . . .	90 92	
Walks and drainage . . . . .	10 75	
Water supply . . . . .	10 00	
	<hr/>	10,042 75

## ROGERS PARK.

Walks and drainage . . . . .	\$1,263 22	
Fence . . . . .	563 03	
Plantations . . . . .	95 58	
Grading, loam and general work . . . . .	78 17	
	<hr/>	2,000 00

## COLUMBUS AVENUE PLAYGROUND.

Grading, loam and general work . . . . .	\$5,080 20	
Walks and drainage . . . . .	791 01	
Plantations . . . . .	51 68	
	<hr/>	5,922 89

## SAVIN HILL PLAYGROUND.

Filling . . . . .	\$2,269 90	
Grading, loam and general work . . . . .	620 49	
Walks and drainage . . . . .	145 75	
	<hr/>	3,036 14

## ROSLINDALE PLAYGROUND.

Grading, loam and general work . . . . .	\$4,052 75	
Walks and drainage . . . . .	1,302 56	
Walls . . . . .	226 00	
Plantations . . . . .	16 00	
	<hr/>	5,597 31

## SUNDRY ACCOUNTS.

General account . . . . .	\$73,987 50	
Park Nursery . . . . .	29,947 07	
	<hr/>	103,934 57
		<hr/>
		\$9,487,022 56



## VI.

*Summary of Expenditures on account of Public Parks and  
Playgrounds, Land, Construction and Betterments, from the  
Organization of the Board, October 8, 1875, to January  
31, 1901.*

## LAND.

## Main Park System :

Fens . . . . .	\$596,254 49	
Riverway . . . . .	457,457 53	
Olmsted Park . . . . .	1,081,947 60	
Arborway . . . . .	245,584 25	
Arnold Arboretum and Bus- sey Park . . . . .	79,343 65	
West Roxbury Parkway . . . . .	135,265 29	
Franklin Park . . . . .	1,551,196 63	
	<hr/>	\$4,147,049 44

## Marine Park System:

Columbia Road . . . . .	\$391,000 00	
Dorchesterway . . . . .	63,735 54	
Strandway . . . . .	523,317 09	
Marine Park . . . . .	232,972 57	
	<hr/>	1,211,025 20

Wood Island Park . . . . .	132,800 00	
Charlesbank . . . . .	373,916 99	
Trinity Triangle . . . . .	30,000 00	
Charlestown Heights . . . . .	50,538 02	
Charlestown Playground . . . . .	172,923 31	
Dorchester Park . . . . .	63,239 97	
Franklin Field . . . . .	157,341 22	
North End Beach . . . . .	328,364 44	
Copp's Hill Terraces . . . . .	90,858 19	
Chestnut Hill Park . . . . .	57,765 40	
North Brighton Playground . . . . .	22,107 12	
Neponset Playground . . . . .	24,804 39	
Billings Field . . . . .	47,068 98	
Freeport street Triangle . . . . .	4,000 00	
North End Playground . . . . .	160,974 70	
Mystic Playground . . . . .	50,125 00	
Fellows street Playground . . . . .	14,503 72	
Christopher Gibson Playground . . . . .	37,709 58	
Columbus avenue Playground . . . . .	268,756 48	
Ashmont Playground . . . . .	87 18	
Savin Hill Playground . . . . .	27,147 30	
Roslindale Playground . . . . .	24,825 11	
Forest Hills Playground . . . . .	156 75	
Playgrounds, Investigation of sites . . . . .	168 79	
	<hr/>	\$7,498,257 28

## CONSTRUCTION.

## Main Park System:

Commonwealth Avenue . . . . .	\$107,340 11	
Fens . . . . .	2,130,244 00	
Riverway . . . . .	662,990 21	

*Amounts carried forward, \$2,900,574 32*

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*\$7,498,257 28*

<i>Amounts brought forward,</i>	\$2,900,574 32	\$7,498,257 28
Olmsted Park . . . . .	701,903 61	
Arborway . . . . .	377,050 02	
Arnold Arboretum and Bus-		
sey Park . . . . .	379,295 93	
West Roxbury Parkway . .	20,119 83	
Franklin Park . . . . .	2,314,130 14	
	<hr/>	\$6,693,073 85
<b>Marine Park System:</b>		
Columbia Road . . . . .	\$225,000 00	
Dorchesterway . . . . .	65,052 56	
Strandway . . . . .	286,139 87	
Marine Park . . . . .	1,047,675 06	
Castle Island . . . . .	32,063 76	
	<hr/>	1,655,931 25
Wood Island Park . . . . .		246,274 22
Charlesbank . . . . .		311,453 33
Charlestown Heights . . . .		102,015 06
Charlestown Playground . .		15,225 31
Dorchester Park . . . . .		10,776 66
Franklin Field . . . . .		83,512 46
North End Beach . . . . .		167,344 79
Copp's Hill Terraces . . . .		31,848 86
Chestnut Hill Park . . . . .		1,619 63
North Brighton Playground .		7,048 88
Neponset Playground . . . .		11,189 35
Billings Field . . . . .		6,737 57
First street Playground . . .		9,554 85
North End Playground . . . .		33 90
Mystic Playground . . . . .		1,717 99
Fellows street Playground . .		1,130 94
Christopher Gibson Playground		10,042 75
Columbus avenue Playground .		5,922 89
Savin Hill Playground . . . .		3,036 14
Roslindale Playground . . . .		5,597 31
Rogers Park . . . . .		2,000 00
General Account . . . . .		73,987 50
Park Nursery . . . . .		29,947 07
	<hr/>	9,487,022 56

## BETTERMENTS.

Betterment expenses . . . . .	13,356 10
	<hr/>
	<u>\$16,998,635 94</u>

## VII.

**PARK BETTERMENTS COLLECTED BY CITY COLLECTOR,  
TO FEBRUARY 1, 1901.**

	Assessm'ts committed to Collector.	Abated.	Net Assess- ments.	Collected.	Outstand- ing Feb. 1, 1901.
Public Park, Back Bay...	\$434,600 00	\$144,195 73	\$290,404 27	\$290,404 27	
Marine Park.....	23,543 00	12,616 80	10,926 20	10,926 20	
Franklin Park.....	135,029 00	122,000 66	13,028 34	13,028 34	
Parkway, Old Harbor.....	60,789 00	50,426 00	10,363 00	8,256 00	\$2,107 00
“ Muddy River...	108,972 00	81,631 25	27,340 75	22,637 75	4,703 00
“ West Roxbury.	154,107 00	113,658 00	40,449 00	30,238 00	10,211 00
“ Dorchester .....	9,713 00	3,055 54	6,657 46	5,927 74	729 72
	\$926,753 00	\$527,583 98	\$399,169 02	\$381,418 30	\$17,750 72

## VIII.

**PUBLIC PARK DEBT.**

*Liabilities.*

Total loan outstanding, January 31, 1901 . . . \$13,820,300 00

*Resources.*

Resources of Sinking-Fund, January 31, 1901 . . . 3,431,328 73

Net Debt, January 31, 1901 . . . \$10,388,971 27

**\*PLAYGROUND DEBT.**

Outstanding loans, January 31, 1901 . . . \$777,060 98

\*The funds for the payment of this debt being part of the General Sinking-Fund cannot be specifically stated.

## Park Statistics to January 31, 1901.

PARKS.	Year of Taking.	COST TO DATE.			Area.	Length of Drive-ways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction	Total.					
MAIN PARK SYSTEM:									
Commonwealth avenue.....	1894.....	.....	\$107,340 11	\$107,340 11	30 acres.....	2.8 miles	4.13 miles		
*Fens.....	1879.....	\$596,254 49	2,130,244 00	2,726,498 49	115 ".....	4 "	6.7 "	1.1 miles	28 acres
*† Riverway.....	1890.....	457,457 53	662,990 21	1,120,447 74	40 ".....	1.4 "	2.8 "	1.2 "	8 "
*† Olmsted Park.....	1890 and 1892	1,081,947 60	701,903 61	1,783,851 21	180 ".....	2.7 "	5.8 "	1.6 "	77 "
* Arborway.....	1892.....	245,584 25	377,050 02	622,634 27	36 ".....	3.4 "	1.25 "	1.4 "	
* Arboretum.....	1882 and 1895	79,343 65	379,295 93	458,639 58	223 ".....	3.4 "	5.65 "	.....	0.5 acre
West Roxbury Parkway.....	1894.....	135,265 29	20,119 83	155,385 12	150 ".....	2.8 "	4.3 "	2.4 "	
* Franklin Park.....	1883 and 1884	1,551,196 63	2,314,130 14	3,865,326 77	527 ".....	7.3 "	14.5 "	1 mile	7.4 acres
MARINE PARK SYSTEM:									
Columbia Road.....	1899.....	391,000 00	225,000 00	616,000 00	84 " land } 200 " flats }	4.2 "	5.75 "		
* Dorchesterway.....	1892.....	63,735 54	65,052 56	128,788 10					
Strandway.....	{ 1890, 1892 } and 1897 }	523,317 09	286,139 87	809,456 96	{ 34 " land } 150 " flats }	0.5 mile	1.3 "	.....	4.4 "
* Marine Park.....	1883.....	232,972 57	1,047,675 06	1,280,647 63					
† Castle Island.....	1890.....	.....	32,063 76	32,063 76	{ 21 " land } 83 " flats }	0.3 "	2.1 "		
* WOOD ISLAND PARK.....	1882 and 1891	132,800 00	246,274 22	379,074 22	{ 46 " land } 165 " flats }				
Carried forward.....	.....	\$5,490,874 64	\$8,594,279 32	\$14,086,153 96	2,084 acres.....	32.8 miles	54.28 miles	8.7 miles	125.4 acres



## Park Statistics to January 31, 1901.—Continued.

PARKS.	Year of Taking.	COST TO DATE.			Area.	Length of Drive-ways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.	Total.					
<i>Brought forward.</i> .....	.....	\$5,490,874 64	\$8,594,279 32	\$14,086,153 96	2,084 acres.	32.8 miles.	54.28 miles.	8.7 miles.	125.4 acres.
*CHARLESBANK.....	1883.....	373,916 99	311,453 33	685,370 32	10 " land	.....	1.5 "	.....	.....
*TRINITY TRIANGLE.....	1885.....	30,000 00	.....	30,000 00	5,410 sq. feet	.....	.....	.....	.....
*CHARLESTOWN HEIGHTS.....	1891.....	50,538 02	102,015 06	152,553 08	4 acres land } 6 " flats }	.....	0.4 mile	.....	.....
*CHARLESTOWN PLAYGROUND.....	1891.....	172,923 31	15,225 31	188,148 62	14 " land } 4 " flats }	.....	0.6 "	.....	.....
*DORCHESTER PARK.....	1891.....	63,239 97	10,776 66	74,016 63	26 "	.....	.....	.....	.....
*FRANKLIN FIELD.....	1892.....	157,341 22	83,512 46	240,853 68	77 "	.....	.....	.....	.....
*NORTH END BEACH.....	1893.....	328,364 44	167,344 79	495,709 23	2.7 " land } 4 " flats }	.....	.....	.....	.....
*COPP'S HILL TERRACES.....	1893.....	90,858 19	31,848 86	122,707 05	0.6 "	.....	0.11 "	.....	.....
CHESTNUT HILL PARK.....	1898 and 1899	57,765 40	1,619 63	59,385 03	42 "	2.4 "	.....	.....	.....
*NORTH BRIGHTON PLAYGROUND...	1894.....	22,107 12	7,048 88	29,156 00	14 "	.....	.....	.....	.....
NEPONSET PLAYGROUND.....	1896.....	24,804 39	11,189 35	35,993 74	18 "	.....	.....	.....	.....
*BILLINGS FIELD.....	1896.....	47,068 98	6,737 57	53,806 55	11 "	.....	.....	.....	.....
§ FIRST-STREET PLAYGROUND.....	1897.....	.....	9,554 85	9,554 85	4.6 "	.....	0.4 "	.....	.....
*    FREEPORT-STREET TRIANGLE...	1897.....	4,000 00	.....	4,000 00	6,263 sq. feet.	.....	.....	.....	.....
NORTH END PLAYGROUND.....	{ 1897, 1899, } and 1901 }	160,974 70	33 90	161,008 60	17,452 "	.....	.....	.....	.....
*MYSTIC PLAYGROUND.....	1897.....	50,125 00	1,717 99	51,842 99	2.3 acres.	.....	.....	.....	.....
*FELLOWS-STREET PLAYGROUND...	1897. ....	14,503 72	1,130 94	15,634 66	36,955 sq. feet.	.....	.....	.....	.....
<i>Carried forward.</i> .....	.....	\$7,139,406 09	\$9,356,488 90	\$16,495,894 99	2,325.72 acres.	35.2 miles.	57.29 miles.	8.7 miles.	125.4 acres.

Park Statistics to January 31, 1901.—*Concluded.*

PARKS.	Year of Taking.	COST TO DATE.			Area.	Length of Drive-ways.	Length of Walks.	Length of Rides.	Area of Ponds and Rivers.
		Land.	Construction.	Total.					
<i>Brought forward.</i> .....	.....	\$7,139,406 09	\$9,356,488 90	\$16,495,894 99	2,325.72 acres.	35.2 miles.	57.29 miles.	8.7 miles.	125.4 acres.
* CHRISTOPHER GIBSON PLAYG'D.....	1897.....	37,709 58	10,042 75	47,752 33	5.8 acres.				
COLUMBUS AVENUE PLAYGROUND.	1899 and 1900.....	268,756 48	5,922 89	274,679 37	4.8 "				
ASHMONT PLAYGROUND.....	1899.....	87 18	.....	87 18	2.2 "				
* SAVIN HILL PLAYGROUND.....	1899.....	27,147 30	3,036 14	30,183 44	6 acres land } 12.6 " flats }				
* ROSLINDALE PLAYGROUND.....	1899.....	24,825 11	5,597 31	30,422 42	3.7 "				
FOREST HILLS PLAYGROUND.....	1900.....	156 75	.....	156 75	10.3 "				
§ ROGERS PARK.....	1899.....	.....	2,000 00	2,000 00	6.9 "				
LAND FOR PLAYGROUNDS, EXECU- TIONS, ETC.....	.....	168 79	.....	168 79					
General account.....	.....	\$7,498,257 28	\$9,383,067 99	\$16,881,345 27					
Park Nursery.....	.....	.....	73,987 50	73,987 50					
Betterment Expenses.....	.....	.....	29,947 07	29,947 07					
	.....	.....	13,356 10	13,356 10					
	.....	\$7,498,257 28	\$9,500,378 06	\$16,998,635 94	2,378.02 acres.	35.2 miles.	57.29 miles.	8.7 miles.	125.4 acres.

\* The lands in these parks and playgrounds have been paid for in full.

† An additional area of 16½ acres is within the limits of the town of Brookline.

‡ An additional area of 18 acres is within the limits of the town of Brookline.

§ Transferred by order of the City Council from Public Grounds Department. Original cost of Rogers Park land, \$30,000.

|| Transferred to Street Department.

¶ Custody given to City by Act of Congress.

Of the above total lengths of driveways, walks, and rides, there have been completed to date, respectively, 29.8 miles, 44.65 miles, and 6.2 miles.

## APPENDIX.

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### REPORT OF THE COMMITTEE OF THE MASSACHUSETTS EMERGENCY AND HYGIENE ASSOCIATION IN CHARGE OF THE WOMEN'S AND CHILDREN'S DIVISION AT CHARLESBANK.

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BOSTON, January 21, 1901.

*To the Board of Park Commissioners:*

GENTLEMEN, — In submitting to you our report for the tenth year of our superintendence at Charlesbank, we have but two new features, mentioned below, to emphasize in its management. The regularity of the attendance in the Gymnasium has been most gratifying while the number of those in the playground, in the sand-pens, and in the Lodge has been larger than in the preceding season.

This year we have tried the experiment of allowing eating, which, at first, resulted in daily picnics on the Green. We then restricted eating to the circular-covered seat, fronting the Green, and there it fared well; the children keeping the gravelled path clean in front of the seat. The little ones and their elders seemed to enjoy this new freedom, and after a month submitted readily to cleanliness and order.

We have had eight regular classes in gymnastic work and seven in kindergarten pursuits, while the Rainy Day occupations have been reading, writing, and making of scrap-books and puzzles, for which all the material has been given by friends. The coming of a hurdy gurdy, sent once a week by the kindness of a gentleman, was the great joyful event for a long time. Many gifts of flowers have made other days happy.

According to the arrangement with your Honorable Board, the women's and children's division closed on October first its outdoor work, and in the middle of the same month began its fall and winter classes, four evening classes for women and older girls and two afternoon classes for children, all under the charge of Miss Cutler. In this way we are enabled to watch over our pupils throughout the year by guiding them in their exercise and talking with them about their health. The steam-heating apparatus that has been so generously put into the Lodge warms the whole building and provides hot water for the baths at the close of each session.

During the summer we have had one less assistant than ever before and consequently have not been able to give as much indi-

vidual care to the pupils nor to do as much for special cases sent to us as patients for out-door exercise from the hospitals. This loss in close, personal care we regret, but we also recognize, that with the increasing number of public parks and gymnasiums, we cannot ask for too many privileges for the place which we still wish to be the ideal playground and gymnasium.

Respectfully submitted,

KATE GANNETT WELLS,  
ANNA PHILLIPS WILLIAMS,  
MABEL DELANO CLAPP,  
*For the Committee.*

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## STATUTES OF THE COMMONWEALTH RELATING TO PUBLIC PARKS IN THE CITY OF BOSTON.

[Stat. 1900 — Chap. 320.]

### AN ACT TO DEFINE THE AUTHORITY OF THE BOARD OF PARK COMMISSIONERS OF THE CITY OF BOSTON AS TO THE CHEST- NUT HILL RESERVOIR GROUNDS.

SECTION 1. The provisions of chapter two hundred and seventy-four of the acts of the year eighteen hundred and ninety-nine shall not be construed as applying to Evergreen Cemetery, nor as giving to the Board of Park Commissioners of the City of Boston the custody, care or control of any lands owned by the City of Boston within the boundaries specified in the first section of said chapter and used for the purposes of a cemetery, nor as giving to said board the power to take for park purposes any such lands now or hereafter used for cemetery purposes.

SECT. 2. This act shall take effect upon its passage.

*(Approved, May 16, 1900.)*



INDEX TO THE STATUTES RELATING TO PUBLIC  
PARKS IN OR NEAR THE CITY OF BOSTON CON-  
TAINED OR REFERRED TO IN THE ANNUAL RE-  
PORTS OF THE BOARD.

	STATUTE.	CHAPTER.
City of Boston, —		
authorized to erect a sea-wall, and fill cer- tain flats in Charles river, to abate a nuisance. (18th an., p. 68)	1866.	247
* for the laying out of one or more public parks in or near the	1870.	283
† for the laying out of public parks in or near the (18th an., p. 69)	1875.	185
connection of the Arnold Arboretum with the system of parks. (18th an., p. 75.)	1880.	144
construction of an embankment on Charles river, authorized. (18th an., p. 76)	1881.	92
construction of a Charles river promenade authorized. (18th an., p. 78)	1881.	197
public park loan authorized. (18th an., p. 80)	1882.	168
betterments may be assumed in settlement of damages. (18th an., p. 81)	1884.	226
assessments of betterments to bear interest from the 30th day after assessment. (18th an., p. 82)	1884.	237
notice to be given of assessments for better- ments. (18th an., p. 82)	1885.	299
excavations, fillings, and structures in tide- water for Marine Park authorized. (18th an., p. 83)	1885.	360
extension of time for the completion of the Charles river embankment. (18th an., p. 84)	1886.	65
to change line of sea-wall of the Charles river embankment. (18th an., p. 85)	1886.	134
loan of \$2,500,000 for the construction of parks. (18th an., p. 86)	1886.	304
loan of \$400,000 for payment of lands already acquired. (18th an., p. 87)	1887.	312
enlargement of Marine Park authorized. (18th an., p. 88)	1887.	427
refunding of betterments Marine Park. (18th an., p. 89)	1888.	376

\* This Act was to take effect when accepted by two-thirds of the legal voters voting thereon at the State election. The vote in favor was 9,233; against, 5,916. The Act consequently was rejected.

† This Act was accepted by a majority of the legal voters voting thereon, June 9, 1875. Yeas 3,706; nays, 2,311.

City of Boston— *Continued.*

	STATUTE.	CHAPTER.
loan of \$600,000 for payment of lands. (18th an., p. 89) . . . . .	1888.	392
erection of buildings in the parks of Boston. (18th an., p. 90) . . . . .	1889.	129
further enlargement of Marine Park. (18th an., p. 91) . . . . .	1889.	438
loan of \$200,000 to procure and construct public parks in Charlestown. (18th an., p. 92) . . . . .	1890.	271
boundary between Brookline and Boston changed. (18th an., p. 94) . . . . .	1890.	339
amendment of act relating to Charlestown parks. (18th an., p. 100) . . . . .	1890.	444
loan of \$3,500,000 for payment of lands and construction. (18th an., p. 101) . . . . .	1891.	301
extension of Charlesbank. (18th an., p. 102) . . . . .	1891.	344
authority to take Jamaica and Ward's ponds for park purposes. (18th an., p. 105) . . . . .	1892.	371
to lay out a parkway across the location of the Providence Div. O. C. R.R. (19th an., p. 91) . . . . .	1893.	126
amendment of Statute 1891, chapter 301, as to issue of bonds for park purposes. (19th an., p. 92) . . . . .	1893.	211
playgrounds may be established by cities and towns. (19th an., p. 93) . . . . .	1893.	225
refunding or abatement of betterments assessed for extension of Marine Park (Strandway). (19th an., p. 94) . . . . .	1893.	258
establishment of park in Wards 6 and 7 (North End). (19th an., p. 95) . . . . .	1893.	282
streets connecting with or adjoining parks or boulevards may be taken by Park Commissioners. (19th an., p. 96) . . . . .	1893.	300
leasing open spaces for gardens and playgrounds. (19th an., p. 98) . . . . .	1893.	331
amendment of Statute 1893, chapter 300. (19th an., p. 104) . . . . .	1893.	416
amendment of Statute 1891, chapter 344, authorizing extension of Charlesbank. (19th an., p. 105) . . . . .	1893.	435
loan of \$1,000,000 for land and construction. (20th an., p. 111) . . . . .	1894.	396
extension of Arnold Arboretum. (21st an., p. 108) . . . . .	1895.	45
abatement of betterments, Jamaica Park and Arborway. (21st an., p. 109) . . . . .	1895.	185
penalty for violation of park regulations. (22nd an., p. 71). . . . .	1896.	199

City of Boston — *Continued.*

	STATUTE.	CHAPTER.
extension of time for making excavations, fillings, and structures in tide-waters. (22nd an., p. 71) . . . . .	1896.	284
building line and height of buildings on parkways, boulevards, and parks. (22nd an., p. 71) . . . . .	1896.	313
sale of lands on Seaver street, taken for park purposes. (22nd an., p. 72) . . . . .	1896.	411
loan of \$1,000,000 for land and construction. (22nd an., p. 72) . . . . .	1896.	453
to rebuild Longwood-avenue bridge. (23rd an., p. 81) . . . . .	1897.	162
to lease lands or buildings for boat-houses and other purposes. (23rd an., p. 82) . . . . .	1897.	365
building line and height of buildings on parkways, boulevards, and parks. (23rd an., p. 83) . . . . .	1897.	379
parkway connecting Franklin Park with Marine Park. (23rd an., p. 83) . . . . .	1897.	394
abatement of betterments, Dorchesterway. (23rd an., p. 84) . . . . .	1897.	396
highway around Back Bay Fens. (23rd an., p. 84) . . . . .	1897.	523
sale of lands in Back Bay Fens taken for park purposes. (24th an., p. 71) . . . . .	1898.	141
loan of \$500,000 to continue construction of parks. (24th an., p. 71) . . . . .	1898.	313
loan of \$500,000 for a comprehensive system of playgrounds. (24th an., p. 72) . . . . .	1898.	412
height of buildings on Copley square. (24th an., p. 72) . . . . .	1898.	452
streets and lands in neighborhood of parks, parkways, and boulevards. (24th an., p. 73) . . . . .	1898.	540
custody of Chestnut Hill Reservoir grounds, and loan of \$150,000 for additional land. (25th an., p. 74) . . . . .	1899.	274
amendment of act to establish a comprehensive system of playgrounds. (25th an., p. 75) . . . . .	1899.	279
loan of \$500,000 to continue construction of parks. (25th an., p. 75) . . . . .	1899.	303
that the provisions of chapter 274 of the acts of 1899 shall not apply to Evergreen Cemetery. (26th an., p. 65) . . . . .	1900.	321
Charles River Improvement Commission established. (18th an., p. 104) . . . . .	1891.	390
Charles river basin, Harbor and Land Commissioners to inquire into the proposed construction of a dam and lock in (Resolve),	1894.	85

	STATUTE.	CHAPTER.
Metropolitan Park Commission,—		
established. (19th an., p. 98) . . . . .	1893.	407
with State Board of Health to investigate the sanitary condition of and prepare plan for the improvement of Charles river. (19th an., p. 107) . . . . .	1893.	475
to submit plans for the improvement of the upper part of Charles river . . . . .	1894.	529
may construct roadways and boulevards . . . . .	1894.	288
may take Revere Beach, including portion of location of Revere Beach & Lynn Rail- road. (20th an., p. 112) . . . . .	1894.	483
may lay out open spaces along or near Charles river. (20th an., p. 114) . . . . .	1894.	509
changing limits within which land may be taken in the city of Medford. (21st an., p. 109) . . . . .	1895.	272
further powers relative to the taking of Revere Beach by. (21st an., p. 111) . . . . .	1895.	305
powers and duties of. (21st an., p. 113) . . . . .	1895.	450
to better define authority of. (22nd an., p. 73) . . . . .	1896.	465
increasing the amount of money to be placed at the disposal of, for general purposes. (22nd an., p. 74) . . . . .	1896.	466
increasing the amount of money to be placed at the disposal of, for the construction of roadways and boulevards. (22nd an., p. 75) . . . . .	1896.	472
fixing a limit of time in which lands can be taken by. (22nd an., p. 76) . . . . .	1896.	550
to further define the authority of . . . . .	1897.	121
to provide for expenses of . . . . .	1897.	311
increasing the amount of money to be ex- pended by, for general purposes . . . . .	1897.	464
increasing the amount of money to be ex- pended by, in the construction of road- ways and boulevards . . . . .	1897.	521
liability of the Commonwealth on account of defects in streets on lands under the con- trol of . . . . .	1898.	455
relative to betterment taxes assessed by . . . . .	1898.	473
duties of, relative to making rivers and ponds available for purposes of recreation, . . . . .	1898.	463
increasing the amount of money to be placed at the disposal of . . . . .	1898.	530
to construct a dam across the Charles river, . . . . .	1898.	531
to construct a bridge over the Saugus river, . . . . .	1898.	547
to restore the bath-house at the Revere Beach reservation . . . . .	1899.	142



Metropolitan Park Commission — <i>Con.</i>		STATUTE.	CHAPTER.
to consider advisability of constructing a boulevard from the Middlesex Fells Parkway to the Charles river . . . .	1899.	273	
to lay out and construct a shore road in Winthrop, in conjunction with said town, to provide compensation for . . . .	1899.	363	
increasing the amount of money at the disposal of, for general purposes . . . .	1899.	400	
to consider the advisability of constructing a boulevard from the town of Dedham to the Stony Brook reservation . . . .	1899.	406	
Superior Court to appoint Commissioners to determine proportions of expense to be paid by cities and towns . . . .	1899.	415	
increasing the amount of money at the disposal of, for roadways and boulevards . . . .	1899.	419	
to take and control Nantasket Beach, and adjacent lands and waters . . . .	1899.	428	
laying of drains and sewers in or across lands controlled by . . . .	1899.	464	
may make rules to govern the use of certain rivers, and of ponds and other waters abutting upon lands held for open spaces, appropriation for the care and maintenance of reservations, boulevards and parkways, under the control of . . . .	1900.	242	
compensation of . . . .	1900.	340	
may grant locations to street railway companies . . . .	1900.	361	
appropriation for the care of Nantasket Beach and Charles River reservations, by, custody of certain public ways in the town of Hull, transferred to . . . .	1900.	393	
to rebuild a bridge over the Neponset river, may acquire certain land in the town of Winchester . . . .	1900.	413	
to complete a boulevard through the town of Revere, and the cities of Chelsea and Everett, to Crescent Beach . . . .	1900.	420	
to investigate the flow of the Charles river above the dam at Watertown . . . .	1900.	421	
to improve the banks of Charles river . . . .	1900.	443	
to acquire Fuller's wharf, in Brighton, as a part of the Charles River reservation . . . .	1900.	444	
	1900.	445	
	1900.	461	
	1900.	465	
	1900.	467	

MEMBERS OF THE BOARD OF PARK COMMISSIONERS  
OF THE CITY OF BOSTON FROM ITS ORGANIZA-  
TION, WITH THEIR TERMS OF SERVICE.

- T. JEFFERSON COOLIDGE. — Appointed July 8, 1875, for the term ending April 30, 1879. Resigned December 11, 1876.
- CHARLES H. DALTON. — Appointed July 8, 1875, for the term ending April 30, 1877. Reappointed in 1877, 1880, and 1883. Resigned May 11, 1885.
- WILLIAM GRAY, JR. — Appointed July 8, 1875, for the term ending April 30, 1878. Reappointed in 1878 and 1881, and served until the expiration of his term, April 30, 1884.
- CHARLES S. STORROW. — Appointed December 11, 1876, in place of T. Jefferson Coolidge, resigned. Reappointed in 1879, for the term ending April 30, 1882. Resigned May 19, 1879.
- HENRY LEE. — Appointed May 19, 1879, in place of Charles S. Storrow, resigned. Reappointed in 1882, and served until the expiration of his term, April 30, 1885.
- BENJAMIN DEAN. — Appointed February 24, 1885, to succeed William Gray, Jr., for the term ending April 30, 1887. Reappointed in 1887, and served until June 2, 1890.
- PATRICK MAGUIRE. — Appointed February 24, 1885, to succeed Henry Lee, for the term ending April 30, 1888, and served until February 20, 1889.
- JOHN F. ANDREW. — Appointed May 11, 1885, in place of Charles H. Dalton, resigned. Reappointed in 1886, and served until May 13, 1889. Appointed July 16, 1894, to succeed Paul H. Kendrickken, and served until May 30, 1895.
- ISAAC FENNO. — Appointed February 11, 1889, to succeed Patrick Maguire, and served until the expiration of his term, April 30, 1891.
- THOMAS L. LIVERMORE. — Appointed May 6, 1889, to succeed John F. Andrew, for the term ending April 30, 1892, and served until April 30, 1893.
- FRANCIS A. WALKER. — Appointed May 19, 1890, to succeed Benjamin Dean, for the term ending April 30, 1893. Reappointed and served until the expiration of his term, April 30, 1896.
- PAUL H. KENDRICKKEN. — Appointed March 30, 1891, to succeed Isaac Fenno, for the term ending April 30, 1894, and served until July 30, 1894.
- CHARLES F. SPRAGUE. — Appointed April 17, 1893, to succeed Thomas L. Livermore, for the term ending April 30, 1895. Resigned January 14, 1895.

- EDWARD C. HODGES. — Appointed January 14, 1895, in place of Charles F. Sprague, resigned; also for the term ending April 30, 1898. Resigned August 23, 1897.
- LABAN PRATT. — Appointed June 10, 1895, for the term ending April 30, 1897, to fill the vacancy caused by the death of John F. Andrew. Reappointed in 1897, for the term ending April 30, 1900. Reappointed in 1900, for the term ending April 30, 1903.
- CHARLES E. STRATTON. — Appointed April 27, 1896, to succeed Francis A. Walker, for the term ending April 30, 1899. Reappointed in 1899, for the term ending April 30, 1902.
- JOHN T. WHEELWRIGHT. — Appointed by the Mayor August 23, 1897, to serve temporarily in place of Edward C. Hodges, resigned; and served until September 16, 1898.
- JAMES M. PRENDERGAST. — Appointed May 8, 1899, for the term ending April 30, 1901.

## PROPERTY BELONGING TO THE PARK DEPARTMENT.

[For List of Parks and Playgrounds, see page 66.]

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### BRIDGES.

Agassiz Bridge, Fens.  
 Boylston Bridge, Fens.  
 Charlesgate Bridge, Fens.  
 Commonwealth Avenue Bridge, Fens.  
 Fen Bridge, Fens.  
 Stony Brook Bridge, Fens.  
 Audubon Bridge, Riverway.  
 Bridle-path Bridge, Riverway.  
 Chapel Arch, Riverway.  
 \*Chapel Bridge, Riverway.  
 \*Longwood Bridge, Riverway.  
 \*Bellevue Bridge, Riverway.  
 \*Brookline Avenue Bridge, Riverway.  
 \*Tremont Street Bridge, Riverway.  
 \*Foot-bridges, Olmsted Park.  
 Railroad Viaduct, Forest Hills, Arborway.  
 Stony Brook Bridge, Arborway.  
 Forest Hills Bridge, Franklin Park.  
 Ellicott Arch, Franklin Park.  
 Overlook Arch, Franklin Park.  
 Scarboro' Bridge, Franklin Park.  
 Scarboro' Pond Foot-bridge, Franklin Park.  
 Castle Island Bridge, Marine Park.  
 Neptune Bridge, Wood Island Park.  
 Foot-bridge, Wood Island Park.

### BUILDINGS.

Stony Brook Gate-house, Fens.  
 Muddy River Gate-house, Riverway.  
 Administration Building, Stable and Sheds, Riverway.  
 Open Shelter, Riverway.  
 Pine Bank House and Sheds, Olmsted Park.  
 The Overlook Shelter, Franklin Park.  
 Refectory and Carriage Sheds, Franklin Park.  
 Ellicott House, Ellicottdale, Franklin Park.

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\* The Department constructed and maintains the parts of these bridges within the City limits.



Shelter and Arbor, Schoolmaster's Hill, Franklin Park.  
 Carriage Shelter, Columbia Road Entrance, Franklin Park.  
 Propagating House, Stable, Repair Shops and Sheds, Franklin Park.  
 Dwelling-house, Franklin Park.  
 Temporary Shelters and Sanitary Buildings, Franklin Park.  
 Head-house, Marine Park.  
 Public Landing, Strandway.  
 Temporary Sanitary Buildings, Castle Island.  
 Field House, Wood Island Park.  
 Bath-houses, Wood Island Park.  
 Men's Locker and Lavatory Building, Charlesbank.  
 Women's Lavatory Building, Charlesbank.  
 Shelter, Charlestown Heights.  
 Shelter and Sanitary Buildings, Dorchester Park.  
 Sheep-fold and dwelling, Franklin Field.  
 Temporary Sanitary Buildings, Franklin Field.  
 Administration Building and Bath-houses, North End Beach.  
 Dwelling-house, Chestnut Hill Park.  
 Locker and Lavatory Building, Christopher Gibson Playground.  
 Stable and Dwelling, West Roxbury Parkway.

#### STATUES AND FOUNTAINS.

Alexander Hamilton, Commonwealth avenue.  
 General John Glover, Commonwealth avenue.  
 William Lloyd Garrison, Commonwealth avenue.  
 Leif Ericson, Commonwealth avenue.  
 John Boyle O'Reilly, Back Bay Fens.  
 Admiral Farragut, Marine Park.  
 Fountain on the terrace at Pine Bank, Olmsted Park.  
 Seventeen Drinking Fountains.

# LIVE STOCK, MACHINERY, TOOLS, AND IM- PLEMENTS.

- |                                |                                |
|--------------------------------|--------------------------------|
| 79 Axes.                       | 13 Grindstones.                |
| 5 Blacksmith tools, sets.      | 14 Geese (wild).               |
| 74 Bars, assorted iron.        | 69 Hammers.                    |
| 29 Bars { parallel, movable,   | 200 Hammers (stone).           |
| } horizontal, vaulting.        | 22 Harrows.                    |
| 4 Buggies.                     | 1 Hay-kicker.                  |
| 191 Bells (dumb), pairs.       | 24½ Hay, tons.                 |
| 51 Baskets.                    | 432 Hoes.                      |
| 135 Benches.                   | 3,200 Hose, feet.              |
| 60 Blocks.                     | 39 Horses.                     |
| 6 Boats (with oars).           | 51 Halters.                    |
| 43 Boots (rubber), pairs.      | 6 Head-lights.                 |
| 42 Bags (feed).                | 10 Hods (brick).               |
| 146 Brooms.                    | 19 Ice Planers.                |
| 12 Bicycles.                   | 81 Indian clubs, pairs.        |
| 26 Blankets (stable).          | 46 Jacks (hoisting).           |
| 44 Blankets (street).          | 68 Ladders.                    |
| 7 Boilers (tubular hot water). | 2 Lawn-rollers (steam).        |
| 48 Chest-weights, sets.        | 57 Lawn-mowers.                |
| 9 Carts (double).              | 199 Lanterns.                  |
| 7 Carts (single).              | 5 Mowing-machines.             |
| 5 Carts (hand).                | 108 Mattocks.                  |
| 21 Clocks.                     | 1 Machine-shop fittings, lot.  |
| 5 Clocks (watchman's).         | 1,380 Oats, bushels.           |
| 126 Chairs.                    | 2 Planimeters.                 |
| 66 Coal, tons.                 | 211 Pails.                     |
| 90 Coats (uniform).            | 298 Picks.                     |
| 2 Crushers (stone).            | 460 Pipe (drain), feet.        |
| 18 Cultivators.                | 2 Pungs.                       |
| 1 Chaise (two-wheels).         | 784 Pipe (wrought iron), feet. |
| 10 Catch-basin frames.         | 36 Ploughs.                    |
| 5 Copying presses.             | 14 Pumps.                      |
| 144 Caps (uniform).            | 77 Pants (uniform).            |
| 403 Chain, feet.               | 414 Pigeons.                   |
| 6 Cases (plan).                | 4 Quoits, sets.                |
| 3 Cases (book).                | 13 Robes (fur and light).      |
| 5 Derricks.                    | 2 Root-pullers.                |
| 30 Desks.                      | 5 Rods (reading and transit).  |
| 6 Dies, sets.                  | 2 Rakes (horse).               |
| 10 Drags.                      | 248 Rakes (garden).            |
| 57 Dung-forks.                 | 11 Road-rollers (two-horse).   |
| 92 Ducks.                      | 2 Road-rollers (one-horse).    |
| 50 Drills.                     | 2 Road-rollers (steam).        |
| 3 Dynamos.                     | 8 Rollers (garden).            |
| 4 Engines.                     | 5 Rollers (stone).             |
| 1 Electric battery.            | 55 Scoops (iron).              |
| 5 Filing cabinets.             | 36 Scoops (snow).              |
| 20 Fire extinguishers.         | 153 Shirts (uniform).          |
| 9 Forges.                      | 766 Shovels.                   |
| 68 Forks (digging).            | 18 Snow-ploughs.               |
| 35 Forks (hay).                | 219 Spades.                    |
| 22 Flags.                      | 2 Steam-drillers.              |
| 83 Grain, bushels.             | 48 Steel bars.                 |
| 5 Giant-strides (gymnasium).   | 4 Stone tools, lots.           |

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>45 Scrapers.</li> <li>5 Sleds.</li> <li>4 Sleighs.</li> <li>3 Seed-sowers.</li> <li>49 Stoves.</li> <li>25 Shanties.</li> <li>13 Swings.</li> <li>5 Sprayers (on wheels).</li> <li>2 Safes.</li> <li>9 Scales (weighing).</li> <li>74 Saws.</li> <li>1,385 Settees.</li> <li>109 Scythes.</li> <li>198 Sheep.</li> <li>53 Straw hats (uniform).</li> <li>13 Snow-shovels.</li> <li>12 Sets harness (working<br/>double).</li> <li>8 Sets lead harness.</li> <li>9 Sets harness (working<br/>single).</li> <li>5 Sets express harness.</li> <li>3 Sets cultivator harness.</li> </ul> | <ul style="list-style-type: none"> <li>6 Sets harness (driving).</li> <li>1 Typewriter.</li> <li>15 Tapes (measuring).</li> <li>18 Tables.</li> <li>30 Tool-boxes.</li> <li>1 Taps, set.</li> <li>1 Tar-boiler.</li> <li>1 Transit.</li> <li>2 Tables (drawing).</li> <li>8 Trapezes (gymnasium).</li> <li>119 Wheelbarrows.</li> <li>125 Wrenches.</li> <li>18 Water-carts (double).</li> <li>2 Water-carts (single).</li> <li>3 Wagons (utility, double).</li> <li>8 Wagons (utility, single).</li> <li>1 Wagon (caravan).</li> <li>5 Wagons (road).</li> <li>2 Wagons (stone).</li> <li>2 Wagons (tool).</li> <li>1 Wagon (messenger).</li> <li>1 Wagon (foreman's).</li> </ul> |
|---|--|

## NURSERY STOCK.

## TREES.

No.	Botanical Name.	Common Name.	Size.
1,000	<i>Acer, dasycarpum</i> .....	Silver maple.....	2 to 4 feet.
205	“ <i>platanoides</i> .....	Norway maple.....	8 to 15 feet.
81	“ <i>saccharinum</i> .....	Sugar maple.....	12 to 15 feet.
425	“ <i>spicatum</i> .....	Mountain maple.....	3 feet.
313	<i>Betula, lenta</i> .....	Black birch.....	3 to 4 feet.
900	“ <i>nigra</i> .....	River “.....	3 to 4 feet.
116	<i>Celtis, occidentalis</i> .....	Nettle tree.....	3 to 4 feet.
275	<i>Cladrastis, tinctoria</i> .....	Yellow wood.....	3 to 5 feet.
450	<i>Chionanthus, virginica</i> .....	Fringe tree.....	1 to 4 feet.
1,075	<i>Fagus, sylvatica</i> .....	European beech.....	2 to 5 feet.
416	“ <i>americana</i> .....	American “.....	3 to 7 feet.
20	<i>Foresteria, acuminata</i> .....	.....	3 to 6 feet.
1,000	<i>Fraxinus, americana</i> .....	American white ash.....	1 year.
50	<i>Gleditschia, triacanthos</i> .....	Honey locust.....	4 to 8 feet.
240	<i>Gymnocladus, canadensis</i> .....	Kentucky coffee tree.....	2 to 8 feet.
300	<i>Halesia, tetraptera</i> .....	Snowdrop tree.....	2 to 3 feet.
1,025	<i>Hicoria, minima</i> .....	Butternut.....	1 to 2 feet.
1,108	<i>Liriodendron, tulipifera</i> .....	Tulip tree.....	2 to 5 feet.
250	<i>Oxydendrum, arboreum</i> .....	Sorrel tree.....	2 to 3 feet.
50	<i>Platanus, orientalis</i> .....	Buttonwood.....	7 to 10 feet.
125	<i>Prunus americana</i> .....	Red plum.....	2 feet.
148	<i>Phellodendron, amurense</i> .....	.....	3 to 4 feet.
98	<i>Quercus bicolor</i> .....	Swamp white oak.....	2½ to 3½ feet.
2,000	“ <i>tinctoria</i> .....	“ black “.....	6 to 12 inches.
200	“ <i>macrocarpa</i> .....	Mossy cup “.....	2 to 4 feet.
300	“ <i>coccinea</i> .....	Scarlet oak.....	3 to 5 feet.
6,000	“ <i>coccinea</i> .....	Scarlet “.....	1 to 1½ feet.
25	“ <i>cerris</i> .....	Turkish “.....	2 to 4 feet.
25,000	“ <i>alba</i> .....	White “.....	1 year old.
5,000	“ <i>alba</i> .....	White “.....	6 to 15 inches.
35,000	“ <i>rubra</i> .....	Red “.....	1 year old.
15,000	“ <i>coccinea</i> .....	Scarlet “.....	1 year old.
6,900	“ <i>rubra</i> .....	Red “.....	1 to 2 feet.



## 83

TREES. — *Concluded.*

No.	Botanical Name.	Common Name.	Size.
700	<i>Quercus</i> mixed.....	.....	1 to 3 feet.
300	“ <i>phellos</i> .....	Willow oak.....	2 to 3 feet.
6,000	“ <i>prinos</i> .....	Chestnut “ .....	6 to 18 inches.
1,045	<i>Salisburia adiantifolia</i> .....	Ginkgo tree.....	2 to 10 feet.
50	<i>Sassafras officinalis</i> .....	Sassafras.....	3 to 5 feet.
150	<i>Salix cerulea</i> .....	Willow... ..	10 to 15 feet.
25	<i>Sophora japonica</i> .....	.....	3 feet.
550	<i>Tilia europæa</i> .....	European linden.....	4 to 6 feet.
509	“ <i>americana</i> .....	American “ .....	8 feet.
100	<i>Taxus americana</i> .....	Yew .....	1 to 2 feet.
75	<i>Ulmus campestris</i> .....	English elm.....	2 to 5 feet.

## EVERGREENS.

No.	Botanical Name.	Common Name.	Size.
500	<i>Abies</i> in variety .....	Spruce .....	1 to 2 feet.
100	“ <i>douglasii</i> .....	Douglass spruce .....	1 to 2 feet.
200	“ <i>excelsa</i> .....	Norway “ .....	1 to 2 feet.
415	<i>Juniperus</i> in variety.....	Juniper “ .....	
100	<i>Pinus montana</i> .....	Mountain pine.....	12 to 18 inches.
1,250	“ <i>strobus</i> .....	White “ .....	1 to 2½ feet.
100	“ <i>rigida</i> .....	Pitch “ .....	2 to 5 feet.
50	“ <i>excelsa</i> .....	Bhotan “ .....	1 to 2 feet.
100	“ <i>austriaca</i> .....	Austrian “ .....	2 to 3 feet.
1,180	<i>Tsuga canadensis</i> .....	Hemlock .....	2 to 4 feet.

## SHRUBS.

No.	Botanical Name.	Common Name.	Size.
200	<i>Amelanchier, canadensis</i> .....	Juneberry .....	3 to 4 feet.
100	<i>Andromeda, ligustrina</i> .....	.....	10 inches.
275	<i>Azalea, viscosum</i> .....	Swamp azalea .....	2 feet.
250	“ <i>calendulacea</i> .....	Flame-colored azalea....	
400	“ <i>vaseyii</i> .....	.....	2 to 3 feet.
1,000	<i>Berberis thunbergii</i> .....	Barberry.....	Seedlings, 1 year.
1,511	“ <i>thunbergii</i> .....	“ .....	12 to 15 inches.
400	“ <i>thunbergii</i> .....	“ .....	1 to 1½ feet.
1,200	“ <i>vulgaris</i> .....	“ .....	Seedlings, 1 year.
809	“ <i>vulgaris</i> .....	“ .....	2 feet.
875	<i>Benzoin benzoin</i> .....	Spice bush .....	1½ feet.
200	<i>Ceanothus americanus</i> .....	Jersey tea.....	2 feet.
140	<i>Cephalanthus occidentalis</i> ...	Button bush.....	2 to 3 feet.
225	<i>Cercis canadensis</i> .....	Judas tree .....	4 to 6 feet.
250	<i>Clethra acuminata</i> .....	Pepper bush .....	3 feet.
250	“ <i>alnifolia</i> .....	“ “ .....	2 to 3 feet.
150	<i>Cornus alternifolia</i> .....	Dogwood .....	2 to 3 feet.
361	“ <i>mascula</i> .....	Cornelian cherry .....	1 to 2 feet.
925	“ <i>paniculata</i> .....	Panicle cornel.....	2 to 3 feet.
300	“ <i>in variety</i> .....	Dogwood .....	1 to 3 feet.
300	<i>Cratægus coccinea</i> .....	Thorn apple.....	2 to 4 feet.
250	<i>Cratægus punctata</i> .....	Thorn .....	2 to 3 feet.
60	“ <i>cordata</i> .....	Washington thorn .....	2 to 3 feet.
1,902	“ <i>crus galli</i> .....	Cockspur thorn.....	1 to 3 feet.
56	“ <i>pyracantha</i> .....	Evergreen thorn.....	2 feet.
675	“ <i>oxyacantha</i> .....	English hawthorn .....	2 to 5 feet.
154	<i>Cotoneaster in variety</i> .....	.....	2 to 3 feet.
240	<i>Cydonia japonica</i> .....	Japan quince.....	2½ to 3 feet.
30	<i>Elaeagnus longipipes</i> .....	Oleaster.....	
50	<i>Enonymus americana</i> .....	Strawberry bush.....	1 to 2 feet.
100	“ <i>nanus</i> .....	.....	1 foot.
100	“ <i>europæus</i> .....	Spindle tree.....	3 to 4 feet.
2,000	“ <i>bungeana</i> .....	.....	2 to 3 feet.
465	<i>Hydrangea in variety</i> .....	Hydrangeas .....	3 feet.

SHRUBS.—*Concluded.*

No.	Botanical Name.	Common Name.	Size.
827	<i>Hammamelis virginica</i> .....	Witch hazel.....	Seedlings, 2 years old.
500	“ “ .....	“ “ .....	3 feet.
360	<i>Ilex verticillata</i> .....	Black alder .....	2 to 3 feet.
25	<i>Ligustrum media</i> .....	Privet.....	2 feet.
1,200	“ <i>ibota</i> .....	“ .....	3 feet.
1,844	“ <i>vulgaris</i> .....	“ .....	2 to 2½ feet.
2,000	<i>Lonicera</i> in variety .....	Bush honeysuckle .....	2 feet.
628	<i>Myrica cerifera</i> .....	Bayberry .....	1 foot.
100	<i>Photinia villosa</i> .....	.....	2 feet.
600	<i>Pyrus nigra</i> .....	.....	2 to 3 feet.
25	“ <i>arbutifolia</i> .....	Chokeberry .....	2 to 3 feet.
135	<i>Prunus maritima</i> .....	Beach plum.....	2 feet.
150	<i>Ptelia trifoliata</i> .....	Hop tree .....	4 to 5 feet.
150	<i>Philadelphus mixed</i> .....	Mock orange .....	5 feet.
148	<i>Phellodendron amurense</i> .....	.....	3 to 4 feet.
2,400	<i>Rhodotypus kerrioides</i> .....	.....	2 to 3 feet.
2,091	<i>Rhamnus catharticus</i> .....	Buckthorn .....	2 to 4 feet.
100	“ <i>crenata</i> .....	.....	2 to 3 feet.
1,000	<i>Rhus aromatica</i> .....	Aromatic Sumac.....	3 years old.
1,569	<i>Rosa</i> in variety .....	Roses .....	
150	<i>Stephanandra flexuosa</i> .....	.....	3 feet.
250	<i>Syringa</i> in variety .....	Lilacs .....	2 to 3 feet.
24	<i>Virburnum acerifolium</i> .....	Dockmackie.....	3 to 4 feet.
651	“ <i>lentago</i> .....	Sheepberry .....	1 to 3 feet.
837	“ <i>molle</i> .....	.....	1 to 2 feet.
1,569	“ <i>opulus</i> .....	Cranberry bush.....	1 to 1½ feet.
18	“ <i>tomentosum</i> .....	Japanese viburnum .....	8 to 12 inches.
906	“ <i>cassinoides</i> .....	Withe rod.....	1 to 2 feet.
300	“ <i>dentatum</i> .....	Arrowwood .....	2 feet.
75	“ <i>lantana</i> .....	English wayfaring tree..	2 feet.
500	“ <i>nudum</i> .....	Naked viburnum .....	3 to 4 feet.
300	“ <i>prunifolium</i> ... ..	Black haw .....	2 to 3 feet.

CREEPERS AND CLIMBERS.

No.	Botanical Name.	Common Name.	Size.
35	<i>Akebia quinната</i> .....	.....	3 to 4 feet.
600	<i>Ampelopsis quinatifolia</i> .....	Virginia creeper.....	3 feet.
75	<i>Aristolochia siphon</i> .....	Pipe vine .....	3 to 4 feet.
300	<i>Celastrus paniculata</i> .....	Bitter sweet.....	2 feet.
1,179	“ <i>scandens</i> .....	.....	5 to 6 feet.
300	<i>Hedera helix</i> .....	English ivy .....	4 years old.
1,000	<i>Lycium chinense</i> .....	Matrimony vine .....	3 feet.
300	<i>Vitis heterophylla</i> .....	Variegated grapevine ...	2 years old.
90	<i>Wisteria alba</i> .....	Wistaria .....	2 to 3 feet.
120	“ <i>chinensis</i> .....	“ .....	2 to 3 feet.



## Total Number of Park Department Employés.

	FEBRUARY 1, 1900.		JANUARY 31, 1901.	
	No.	Rate of Pay.	No.	Rate of Pay.
Accountant . . .	1	at \$2,250 00 per annum.	1	at \$2,250 00 per annum.
Blacksmith.....	1	" 3 00 per day.		
Blacksmith's assistant.....			1	" 2 25 per day.
Boys .....	31	at 1 00 per day.	28	" 1 00 " "
Carpenters.....	4	{ 1 " 2 50 " " 3 " 2 75 " "	4	{ 1 " 2 50 " " 3 " 2 75 " "
Clerks .....	4	{ 1 " 1,200 00 per annum. 1 " 468 00 " " 2 " 3 50 per day.	5	{ 1 " 1,200 00 per annum. 1 " 468 00 " " 1 " 3 50 per day. 2 " 1 50 " "
Draughtsman ...	1	" 2 50 " "		
Engineer, Civil..	1	" 6 50 " "	1	" 6 50 " "
Engineer, Mechanical...	1	" 3 50 " "	1	" 3 50 " "
Engineers, Steam-roller...	4	{ 1 " 2 75 " " 3 " 2 50 " "	3	{ 1 " 2 75 " " 2 " 2 50 " "
Firemen.....	1	" 2 25 " "	2	" 2 25 " "
Foreman, General .....	1	" 5 00 " "	1	" 5 00 " "
Foremen .....	3	{ 1 " 4 50 " " 2 " 5 00 " "	2	{ 1 " 4 50 " " 1 " 5 00 " "
Foremen, Stable,	2	{ 1 " 55 00 per month. 1 " 40 00 " "	2	" 55 00 per month.
Foremen, Sub...	9	" 3 25 per day.	8	" 3 25 per day.
Gardeners.....	9	{ 6 " 2 75 " " 3 " 2 25 " "	7	{ 6 " 2 75 " " 1 " 2 25 " "
Horseshoer .....	1	" 2 75 " "	1	" 3 00 " "
Inspector.....	1	" 5 00 " "		
Instructors, Gymnasium...	2	{ 1 " 1,200 00 per annum. 1 " 1,000 00 per semi-annum.	2	{ 1 " 1,200 00 per annum. 1 " 1,000 00 per semi-annum.
Instructress, Gymnasium...	1	{ " 80 00 per month, summer. " 60 00 " " winter.	1	{ " 80 00 per month, summer. " 60 00 " " winter.
Instructress, Gymnasium Assistants.....	2	{ 1 " 60 00 " " summer. 1 " 2 50 per class, summer.	2	{ 1 " 60 00 " " summer. 1 " 2 50 per class, summer.
Carried forw'd,	80	.....	72	

Total Number of Park Department Employés.— *Concluded.*

	FEBRUARY 1, 1900.		JANUARY 31, 1901.	
	No.	Rate of Pay.	No.	Rate of Pay.
<i>Brought forw'd,</i>	80	.....	72	
Janitors.....	4	at \$2 50 per day.	4	at \$2 50 per day.
Laborers.....	302	" 2 00 " "	236	" 2 00 " "
Machinist's Helper.....	1	" 2 25 " "	1	" 2 25 " "
Mason.....	1	" 2 50 " "	1	" 2 50 " "
Matrons.....	5	" 1 50 " "	5	" 1 50 " "
Messengers.....	4	{ 3 " 1 50 " " 1 " 1 00 " "	1	" 1 00 " "
Painter.....	1	" 2 50 " "	1	" 2 50 " "
Planter.....	1	" 1,200 00 per annum.		
Plumber.....	1	" 3 00 per day.	1	" 3 00 " "
Rodman.....	1	" 2 00 " "		
Secretary.....	1	" 3,000 00 per annum.	1	" 3,000 00 per annum.
Shepherd.....	1	" 14 00 per week.	1	" 14 00 per week.
Stenographer...	1	" 720 00 per annum.	1	" 720 00 per annum.
Superintendent of Parks.....	1	" 3,600 00 " "	1	" 3,600 00 " "
Superintendent, Assistant.....		.....	1	" 1,200 00 " "
Teamsters.....	17	at 55 00 per month.	19	" 55 00 per month.
Transitmen.....	4	" 3 50 per day.	2	" 3 50 per day.
Tree-pruner.....		.....	1	" 2 25 " "
Watchmen.....	3	{ 2 at 2 50 per day. 1 " 2 75 " "	2	{ 1 " 2 50 " " 1 " 2 75 " "
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